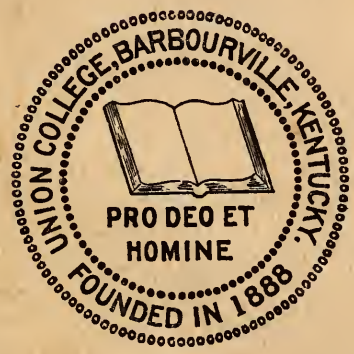
Dean's Office

CATALOGUE

OF

Union College



1907-1908

BARBOURVILLE

KENTUCKY

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ADMINISTRATION BUILDING

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NASHVILLE, TENNESSEE

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ADMINISTRATION BUILDING

CATALOGUE

OF

UNION COLLEGE

1907-1908.

BARBOURVILLE, KENTUCKY

CINCINNATI:
PRESS OF JENNINGS AND GRAHAM

CALENDAR 1907-1908.

September	9,	Beginning Fall Term.
September	9–10,	Matriculation.
September	10–11,	Class Work.
November	28,	Thanksgiving Day.
November	29,	Fall Term Ends.
November	30,	Winter Term Begins.
December	21–Jan. 1,	Christmas Holidays.
January	2,	Class Work Resumed.
January	—,	Day of Prayer for College.
March	5,	Winter Term Ends.
March	9,	Spring Term Begins.
March	20,	Oratorical Contest.
May	29,	Literary Society.
May	30,	Glee Club.
May	31,	Baccalaureate Sermon.
June	1,	Annual Musical Recital.
June	2,	Commencement.

BOARD OF TRUSTEES.

REV. J. D. WALSH, D. D., ... Maysville, Ky., 1907.

JUDGE J. H. TINSLEY, ... Covington, Ky., 1907.

REV. A. BOREING, D. D., ... Covington, Ky., 1908.

HAROLD MEANS, ... Ashland, Ky., 1908.

REV. E. L. SHEPARD, ... Nicholasville, Ky., 1909.

JOHN W. HENDERSON, ... Ashland, Ky., 1909.

REV. THOS. HANFORD, A. M., D. D., ... Augusta, Ky., 1910.

A. M. DECKER, ... Barbourville, Ky., 1910.

REV. GEO. V. MORRIS, A. M., ... Lexington, Ky., 1911.

REV. C. B. NORDEMAN, ... Louisville, Ky., 1911.

REV. BIRD HUGHES, ... Sardis, Ky., 1912.

C. C. STOLL, ... Louisville, Ky., 1912.

ORGANIZATION OF BOARD.

REV. A. BOREING, D. D., *President.*

REV. C. B. NORDEMAN, *Recording Secy.* C. C. STOLL, *Treas.*

Finance Committee.

JOHN W. HENDERSON.
A. BOREING.
J. H. TINSLEY.
C. C. STOLL.
C. B. NORDEMAN.

Property Committee.

C. C. STOLL.
HAROLD MEANS.
C. B. NORDEMAN.

School Committee.

J. D. WALSH.
E. L. SHEPARD.
GEORGE V. MORRIS.
THOMAS HANFORD.
J. W. EASLEY.

Appropriation Committee.

JOHN W. HENDERSON.
J. H. TINSLEY.
A. M. DECKER.
BIRD HUGHES.

Prudential Committee.

JUDGE F. D. SAMPSON.
HENRY C. BLACK.

Faculty Committee on Loans, N. Y.

THE PRESIDENT.
PERCY L. PORTS.
ELIZABETH BONAR.

The President is Chairman of all Faculty Committees.

FACULTY.

JAMES W. EASLEY, A. M., B. D.,
History, Economics, Civics.

PERCY L. PORTS, B. S.,
Science and Mathematics.

HUBERT B. COATES, A. B.,
Latin and Greek.

ELIZABETH BONAR, A. B.,
English.

MARIE GREBE,
German and French.

B. C. LEWIS,
Normal.

LUCY W. FARIS,
Preparatory.

KATHERINE SUTPHEN,
Piano and Harmony.

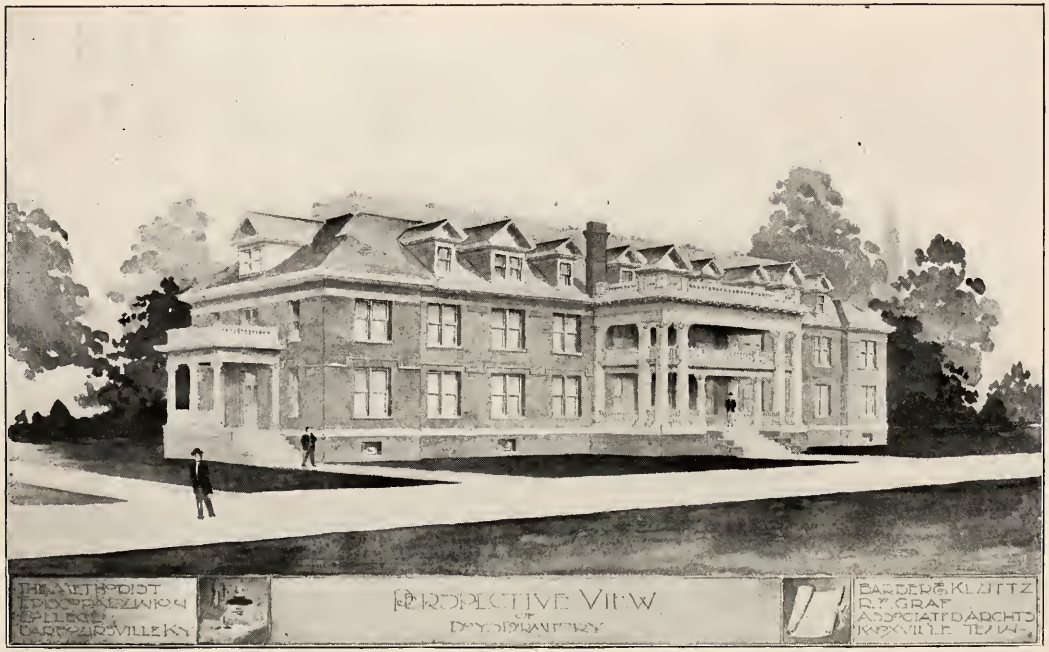
———————
Violin and Mandolin.

MRS. JOAN M. EASLEY,
Preceptress.

———————
Librarian.

———————
Supt. of Buildings and Grounds.

———————
Secy. to the President.



MEN'S DORMITORY

FANNY SPEED HALL AND DORMITORY FOR LADIES

HISTORY OF THE COLLEGE.

Union College had its origin in the minds of the citizens of Barbourville, the town in which it is situated. For the purpose of secnring a site and erecting a suitable building, a joint stock company was formed and incorporated by the Legislature of Kentucky in 1879. The College building was erected and dedicated in 1880, but the property was sold to the Rev. D. Stevenson, D. D., and others, acting as the agent of the Kentucky Conference of the Methodist Episcopal Church, in 1886.

The Institution was under the administration of Dr. Stevenson, as President, till his death in January, 1897. These ten years were marked by the slow but steady and healthy growth of all the elements of a good school. The building was greatly improved and completed; a small but very helpful library was provided; a room was set aside for the use of the Literary Societies, elegantly furnished and dedicated; the campus was enlarged by the purchase of an additional lot, upon which a beautiful five room cottage was built, which has since been known as "College Cottage," or President's residence; and a small endowment fund was secured. But the growth of the school was not in material things only. At first an Academic and then a Collegiate Course of study was instituted, and year by year, students climbed higher and higher in these courses, until, in 1893, two young men were graduated in the Classical or A. B. Course. Ideas of moral excellence were inculcated, right living enjoiyed, and the position of the Institution as to certain moral and religious issues defined.

After the death of Dr. Stevenson, the School came under the administration of the Rev. James P. Faulkner, A. M. Under President Faulkner, Union College continued to increase in student attendence and material development. Six acres have been added to the campus and a commodious hall has been built for young women, giving superior residences for them. Upon the resig-

nation of President Faulkner, James W. Easley, A. M., was elected to succeed him.

At this juncture, the Board of Education came into possession of the large bequest of Mrs. Fanny Speed, by which means it has been possible to place upon the School, an adequate amount to make possible a new life for the Institution. The old administration building was struck by lightning on the 24th of August, 1906, and totally destroyed.

A modern structure has been planned and takes the place of the old.

GENERAL INFORMATION.

THE AIM

Of Union College has for its purpose the development of life and formation of character. Right standards of life are placed before the student, and Christian principles of living are given that emphasis which is their due and will give force in character building.

The courses tend to end in liberal culture. The Institution interprets the meaning of life, and sets itself to the task of fitting men for the responsible duties the age demands of individuals.

LOCATION.

The College is in Barbourville, Ky., which town is situated on the Cumberland River. The Campus is somewhat centrally located, and has seven acres of land. The surroundings are most attractive. The valley is surrounded by mountains with rich and ever changing scenery. These afford ample opportunity for pedestrian tours, or excursions of scientific classes. The climate is mild, the temperature in severe weather being about twenty degrees higher than at Cincinnati. Persons who can not endure the severe climate of the North, or who have a tendency to nervous troubles improve in the salubrious atmosphere of these parts. This is invariably the case.

The moral tone of the town is good. By a special act, no intoxicants can be sold within four miles of Union College.

The following denominations have churches: Baptist, Christian, Presbyterian, Methodist Episcopal, South, and the Methodist Episcopal.

BUILDINGS.

The Campus is the most beautiful plot in the town. Upon it are five buildings.

ADMINISTRATION HALL:—This superb building will be occupied for the first time at the opening of school in September. It is a magnificent and spacious three story building, constructed of concrete and brick, trimmed in stone. In it are fourteen class rooms, besides reception, library and reading room, office and chapel. This hall is constructed upon most scientific principles. Heated by steam and having latest system of ventilation. Besides this there is the fullest equipment by which the work of the students is made attractive.

SPEED HALL:—This is the home of young women. A three story building of unique design. Has spacious halls and parlors The rooms are elegantly furnished and is one of the most attractive school homes known. Speed Hall will accommodate seventy-five young ladies.

The President and his family have their apartments in this hall. As there is no kitchen or dining room service in this building, neither any musical instruments in use for practice, it is restfully quiet and thus has every advantage for the study work of the student. This building is supplied with bath rooms and heated by steam.

YOUNG MEN'S HALL:—This is a new hall, occupied for the first time when school opens in the Fall. It is a fine brick structure, three stories high. It has fifty-two rooms, accommodating two students each. Nothing is lacking for convenience, comfort or health. This is on the opposite side of the Campus from the Ladies' Hall, with the Administration Hall between them. The building is heated by steam. The furniture is equal to the best in use among boarding schools. This building is thoroughly fitted with toilet rooms and ample baths with cold and hot water.

STEVENSON COTTAGE:—This building bears the name of the honored first President of Union College. Its location is between Administration Hall and Speed Hall. This, in the future, will be devoted to music and art. It will receive all the pianos used in practice and for recitation.

GENERAL HEATING PLANT:—To supply heat for all buildings, a central heating plant, removed from all other buildings, has been installed. This is made to contribute to health, clean-

liness and safety. Fire is made the remotest possibility. This gives a very complete system of buildings sufficient to meet all immediate needs, and for future development.

So far as material equipment is concerned, these buildings place us in the front rank, and make it desirable to become a patron of the school.

DINING HALL:—One central dining hall is made to render service for all students, men and women. The dining hall will accommodate three hundred persons. The students are not isolated, but are part of a large family. The Faculty, with the President and his family, are together in the dining hall. The food is ample and in reasonable variety. Nothing is so conducive to good health as food of good quality, properly prepared. The good health and appearance of students is a testimony to our boarding hall. The Institution has its own private bakery to insure wholsome bread.

SOCIAL LIFE.

The social instinct is perfect in man. Recognition is given to the social life of the student. A home life is secured and the principles governing a well ordered Christian home are in practice in the management of the school. The students' social ties are strong. Aside from this feature, in class room, campus, and hall life, emphasis is given it by the occasional gathering of the student body in the parlors, under the direction of the Faculty.

GOVERNMENT.

Proper control and guidance of a student body is of such great importance that too much attention can not be given to it. The principle is *self control and self direction.* The high principle of developing the good is adopted. This produces the best results in character building. Those who are not amenable to rules of right living and do not respond to the appeals to a moral life, will soon be asked to leave.

A Christian school can not be used as a reformatory, other schools do not want the trouble.

Dormitory life places the control of the student body at best advantage for easy direction in conduct, as well as best direction

in study. Co-operation from the homes is a necessity. This is not alone expected, but earnestly solicited.

CHURCH ATTENDANCE.

Church attendance is required. Each student must select one of the churches of the town as a church home. He must be in attendance at the church at the Sabbath morning service. It is also required that the student shall give attendance upon all religious services under the direction of the College.

ORGANIZATIONS.

(a) Athletics.

The mild climate, late fall and early spring, make field sports a greater feature than in many parts. The Athletic Association promotes these and holds under proper control, all features of its work.

The student must keep his class work entirely satisfactory in order to engage in regular field sports. The required grade is seventy-five per cent, with no one study below seventy. If his grade falls below this mark, he shall desist from athletics till his grade is regained.

(b) Literary Societies.

There are three literary societies, Philonikean, Photozetean, and the Fanny Speed. The latter for young women, the two former for young men. The importance of these is great in the development of self control and poise before an assembly. The art of debating and habit of free discussion, and familiarity with parliamentary law are required in the regular work. Public meetings and joint sessions are held, subject to the approval of the President.

(c) Young Men's Christian Association.

An active organization is sustained. The prime feature is the devotional meeting held each Saturday evening. The effect of this is seen in the life of the student body.

LIBRARY AND READING ROOM.

The Speed-Stevenson Library was established by Mrs. Fanny Speed, of Louisville, Kentucky, and Mrs. Stevenson, wife of the

A STUDENT'S ROOM
THE BASKET BALL TEAM

PARLOR OF SPEED HALL
ENTRANCE TO SPEED HALL

X-RAY PHOTOGRAPH OF HUMAN HAND FROM PHYSICAL LABORATORY

first President of Union College. The late Prof. George H. Dains was also a liberal contributor to it. The library is rich in old volumes and includes, also, many reference books for the use of various departments. It is hoped that a large number of volumes, carefully chosen by the instructors in the several departments, may each year be added to the reference department. All college students should have access at all times to a large and well selected reference library, and the friends of the College and of education will find no more practical method of aiding and encouraging students than by taking advantage of the opportunities which the library extends. (It is expected that in the near future large and commodious rooms on the first floor of the Administration Building will be available for the use of library and reading room.) The reading room will be supplied with all the best secular and religious papers, as well as the best American and foreign magazines. All students will thus be able to keep themselves informed with respect to the daily news and to familiarize themselves with the best current literature.

SPECIAL INFORMATION.

ADVICE TO PARENTS.

1.—It is of greatest importance that students be here on the first day of the term. On the morning of the second day, classes are formed and it is very important that the student begin with his class.

2.—We urge parents to be cautious in the amount of spending money. If in doubt concerning the amount, advice will be cheerfully given.

3.—The attire should be neat and simple, but neither elegant nor expensive. The simple shirt waist and skirt is more suitable for the school room than lace trimmed dresses, and simplifies laundry bills.

4.—Young ladies are not permitted to receive attentions from young men except by written request of parents addressed to the President. In all cases, the Administration reserves the privilege of final decision.

WITHDRAWALS.

All persons having entered, will be considered as students till notice is given to the President. In case of withdrawal twenty-five per cent will be added to the ordinary rate for board. When students are called away by sickness or extreme cause, money advanced will be returned, subject to conditions stated above. Students dismissed or leaving without approval of the President, may be charged for full term excepting board.

The Dormitories will be opened the day preceding the opening of the term. We shall not be able to receive any students before that date.

The daily schedule from Monday till Friday is as follows:

6:30	A. M.	Rising bell.
7:00	"	Breakfast.
7:30—8:00	"	Arranging of rooms for day.
8:00—12:00	"	Recitations.
12:00—1:00	P. M.	Noon hour.
1:00—3:00	"	Recitations.
3:00—6:00	"	Recreation.
6:00	"	Supper.
6:30—7:00	"	Social hour.
7:00—9:30	"	Study hour.
10:00	"	Lights extinguished.

A study hall will be provided with attendance thereupon compulsory for all students between recitations. An instructor will be present to preserve order and render such assistance with studies as is necessary. Students having a recitation average of over 90% and deporment 100%, will be allowed to withdraw to their rooms or home. Those students having a recitation average of 90% in any study for the term, will be excused from taking the regular term examination in that study.

ROOMS AND OUTFIT.

Most of the rooms are intended for two occupants. If any rooms are unengaged at the opening of the fall term, they may be occupied by one person, on payment of an extra sum.

Students are required to provide themselves with the following articles: Pillow slips, sheets, pair of blankets, comfortable, white spread, towels, napkins, cover for bureau and washstand. The young men will provide for single beds. There are a few double beds for young ladies. Young ladies will also bring sash curtains.

Students may only have visitors by permission of the President. The student will then be charged twenty-five cents per meal, which must be paid on the departure of the visitor.

Students dependent upon their own resources, who must have assistance or fail: To a few such some work can be given and aid in loan can be gotten.

ACADEMIC COURSE.

1st Year	5. English I	5. Math. I	3. Science I	5. Latin I or 5 French I			1. Bible	
2nd Year	4. Eng. II	4. Math. II	3. Science II	4 Latin II or 4 French II		3. History I	1. Bible	
3rd Year	3. Eng. III	4. Math. III & IV	3. Science III		5. German I	3. History II	1. Bible	
4th Year	3. Eng. IV	2 Math. V & VI	3. Science IV		4. German II	3. History III	1. Bible	2 Ec. & Civics

SCIENTIFIC COURSE.

1st Year	5. English I	5. Math. I	3. Science I	5. Latin I			1. Bible		
2nd Year	4. Eng. II	4. Math. II	3 Science II	4. Latin II		3. History I	1. Bible		
3rd Year	3. Eng. III	4. Math. III & IV	3. Science III	4. Latin III	5. German I	3. History II	1. Bible		
4th Year	3. Eng. IV	2. Math. V	3. Science IV	4. Latin IV	4. German II	3. History III	1. Bible		

CLASSICAL COURSE.

1st Year	5. English I	5. Math. I	3. Science I	5. Latin I			1. Bible		
2nd Year	4. Eng. II	4. Math. II		4. Latin II	5. Greek I	3. History I	1. Bible		
3rd Year	3. Eng. III	4. Math. III & IV		4. Latin III	4. Greek II	3. History II	1. Bible		
4th Year	3. Eng. IV	2 Math. V		4. Latin IV	4. Greek III	3. History III	1. Bible		

The figure to the left of each subject indicates the number of hours per week in recitation.

COURSES OF STUDY.

ENGLISH.

ENGLISH I. INCLUDES Grammar—A thorough study and drill in Grammar.
Composition—Letters and Theme work.
Literature—The English Classics are used as the basis for Theme work.

ENGLISH II. Rhetoric—Hill's Rhetoric is used and the principles are applied in written work.
Composition—Frequent Themes are required.
Literature—English Classics are read and form the basis for Theme work.

ENGLISH III. English Classics—College requirements.
Composition—Frequent Themes are required.

ENGLISH IV. English Classics, College requirements. Theme

CORRECTION IN SCHEDULE.

2nd Year Science II and III.
3rd Year Science IV.
4th Year Science V.

GERMAN I. Thomas' German Grammar, Part I. Reading of simple German Authors.
Conversational exercises.

GERMAN II. Thomas' German Grammar complete. Reading of more difficult authors.
Conversation.
Discussion of German manners and customs.

FRENCH I. Fraser's and Squair's French Grammar. Reading of less difficult French Authors.
Conversational drill.

FRENCH II. Prose work, including letters and themes. Reading of more difficult authors.
Conversation.

ANCIENT LANGUAGES.

The aim of this department is to make the student thoroughly acquainted with the forms of inflection and the principles of syntax; to give him a full vocabulary and ease in translating; to make him conversant with the life and manner of the Greeks and Romans. Special attention is given to Sight Reading and Prose Composition.

LATIN I. Coller & Daniel's First year Latin.

LATIN II. Cæsar is read during the year, Books I, II, III and IV; Coller & Daniel's Prose Composition is used and emphasis laid upon these exercises.

LATIN III. Cicero, Six Orations; Prose Composition together with mastery of forms and syntax.

LATIN IV. Virgil's Aneid, Six Books; Prosody; Prose Composition and Mythology.

GREEK I. White's First Lesson in Greek is mastered and Xenophon's Anabasis is begun in the last term.

GREEK II. Xenophon's Anabasis; Pearson's Prose Composition. Four Books of Anabasis is completed and Grammar thoroughly studied.

GREEK III. Homer's Iliad, six books; Prosody; Prose Composition; Mythology.

HISTORY.

HISTORY I. Ancient History, especially Greek and Roman History with a brief study of the Eastern Nations. The text used is Wolfson's Essentials; Ancient History. Note book work. Map work. Reference work required on important features.

HISTORY II. English History based upon Montgomery's Leading Facts of English History, concluding with class papers upon leading features. Note book work. Collateral reading on important principles.

HISTORY III. Medieval and Modern History. The text of Meyers is used. Reference work is required on the important periods, such as the Renaissance, French Revolution, the unification of Germany and Italy; also on important institutions; *e. g.*, Feudalism.

ECONOMICS AND CIVICS.

Economics and Civics are given equal time in fourth year. The text used is Bullock's Political Economy, Martius' New Civil Government. This will be supplemented by lectures.

BIBLE.

Bible study will be carried through four years, one hour per week.

I. Study of early Bible period to Solomon's reign.

II. Solomon's reign, the two Kingdoms, major and minor prophets and poetical books.

III. The life of Christ, based upon John's Gospel, supplemented by reference, other Gospels, Stalker's Life of Christ, hand book.

IV. The study of The Acts, Pauline Epistles.

NATURAL SCIENCES.

PERCY L. PORTS.

SCIENCE I. PHYSICAL GEOGRAPHY. This course includes laboratory work and Saturday excursions. The value of first-hand study of physiographic forms is unquestioned and the variety of forms in the vicinity of Barbourville available for study is not exceeded in any locality in the State. The laboratory work consists in the study of topographic forms from the topographic sheets of the United States Geological Survey, the study of minerals, soils, etc., and practical observation of weather conditions. The recitation work follows Davis' text and the laboratory work Darling's manual.

SCIENCE II. PHYSIOLOGY. A thorough course in human physiology, supplemented by laboratory work and by exhibitions of carefully selected microscope sections by means of our electric stereopticon. Brinckley's text.

SCIENCE III. BOTANY. Studies in elementary botany presented with special emphasis upon the relation of plants to their environment. Plants will be studied from this view point during our botanical excursions. The analysis of plants and their classification will be given due consideration. Plant studies, by Coulter, will be the text used.

NOTE.—(The course in Botany will probably be begun before the close of the Winter term in order to take advantage of the first appearance of the Spring flora. In this case, it will alternate with Physiology.)

SCIENCE IV. PHYSICS. Text book and laboratory work in elementary physics. In our newly equipped laboratory, apparatus is provided for about forty-five individual experiments by the students, covering Mechanics, Light, Heat, Sound, Magnetism and Electricity. This meets the entrance requirements to any of the best Universities besides illuminating the text. The equipment of the laboratory is modern and ample. The recitation work covers Carhart and Chute's High School Physics and the laboratory work follows the National Physics Manual.

SCIENCE V. CHEMISTRY. A study of the elements and of the laws of chemical combination with special emphasis on the more recent views of chemical problems. Organic Chemistry is briefly treated in the Spring term. Individual laboratory work is an important part of the year's work. Part of the Spring term is devoted to the history of Chemistry. Remsen's Introduction to Chemistry is the text used.

MATHEMATICS.

The Courses in Mathematics are intended primarily for mental discipline, consequently careful, conscientious drill is an essential factor. The drill will be thorough throughout the course. Wentworth's texts will be used throughout. The courses are as follows:

THE MUSIC HALL

BOILER HOUSE AND ENGINE ROOM

MATHEMATICS I. ARITHMETIC. A thorough review of Arithmetic, covering all the essential operations.

MATHEMATICS II. ALGEBRA. Four terms are devoted to Algebra in order to insure a thorough grasp of the subject. No work in physics or in advanced Mathematics can be taken up without a mastery of Algebra.

MATHEMATICS III. PLANE GEOMETRY. A year is devoted to this course so that the valuable exercises may be taken advantage of.

MATHEMATICS IV. SOLID GEOMETRY. This follows Plane Geometry in the usual order.

MATHEMATICS V. HIGHER ALGEBRA. This course embraces the Binomial Theorem, Choice, Chance, Variables and Limits, Logarithms, Determinants, etc.

MATHEMATICS VI. PLANE TRIGONOMETRY. A careful study of the functions of angles, the solutions of triangles, and the use of logarithmic and trigonometric tables.

THE FOUR YEARS' NORMAL COURSE.

THE FIRST YEAR.

Fall Term.	*Winter Term.*	*Spring Term.*
Arithmetic.	Arithmetic.	Arithmetic.
English Grammar.	English Grammar.	English Grammar.
Physiology.	Orthography.	Physiology.
Orthography.	Physiology.	Orthography.
Geography.	Kentucky History.	U. S. History.
U. S. History.	Civics.	Geography.
Composition.	Reading.	Penmanship.
Method.	Method.	Method.

THE SECOND YEAR.

Latin Lessons.	Latin Lessons.	Latin Lessons.
Algebra.	Algebra, Advanced.	Algebra, Advanced.
Physics.	Physics.	Pedagogy.
English.	English.	English.

THE JUNIOR YEAR.

Latin, Cicero,	Latin, Cæsar.	Latin, Cæsar.
Geometry, Plane.	Geometry, Solid.	Botany.
History, Ancient.	History, Medieval.	History, Modern.
English.	English.	English.

THE SENIOR YEAR.

Trigonometry.	History of Education.	Chemistry.
Latin, Vergil.	Chemistry.	German.
Chemistry.	German.	Methods.
German.	Phychology.	History of Philosophy

NORMAL DEPARTMENT.

The object of this department is to help meet the growing demand for skilled teachers. We propose to answer two great questions: The County Boards, "Where can we get well equip-

ped teachers for the public schools?" School Teachers, "How can I become most efficient and command the most pay for my service?" We propose that those that take this course shall stand at the top of their profession. This course meets the requirements for general culture, and gives the student a broad knowledge of the science of education and the art of instruction and school management.

The student's attention is called to the following:

1—The term for the review, for teachers teaching will begin at the first of the year—January.

2—Those wanting a thorough review of the Common Branches should not fail to take the entire year's work. Especially does this apply to those who have never taught.

Teachers holding a first-class certificate will be admitted to the second year in the full normal course, with the privilege to review any two or three of the elementary branches. Diplomas will be granted upon completing the entire course, and the student may enter and complete the Scientific Course in the College of Liberal Arts in three years of additional work.

Those desiring to prepare for State Certificates will be priviledged to enter any class or classes meeting their requirements.

The Normal Course includes lectures on the following subjects: Great Educators—As Mann, Matthew Arnold, Abelard Herbart, Pestallozzi, Froebel, and Rousseau; also lectures on the subjects: School management, Science and Art of Education. Methods, Phycology, and Child Study, including a series of talks on school law. Teacher, do you feel the need of a broader vision of your calling? Do you want the joy of a true prosessional spirit? If so, do n't miss the inspiration of this course.

The adopted texts of the Commonwealth will be used, supplemented by Brinckley's laboratory method in Physiology.

MUSIC.

MISSES SUTPHEN AND————————.

The courses of study here prescribed are for earnest students who want to attain real excellence, and as very many have in mind the work of teaching, their needs have been especially provided for. A careful study of the individual requirements and

capabilities of each pupil is made, a thorough training in the fundamental principles of technique is given, and enthusiastic musicians, as well as finished artists are developed.

The studies named indicate the range of difficulties belonging to the several grades, but it is obvious that lists of pieces sufficient to illustrate a wide range of musical literature can not here be given.

The time needed for the completion of each grade will average not less than one year. Often more time should be taken, especially if College studies are pursued at the same time.

A musical education should also comprise as much literary work as is now done in high schools, and a College Course is recommended to all who can attain it. Herein lies the advantage of studying music where art, literature, and science are blended. Here it is taught that music is the peer of any branch of human knowledge, but that no single line of study is sufficient for complete scholarship.

The following is an outline of the course of study for the

Pianoforte.

FIRST GRADE. (Preparatory).—Gurlitt, Opus. 117; Loeschhorn, op. 65, Book 1; Kohler, op. 151. Technical exercises throughout the course.

SECOND GRADE.—Kohler, op. 50; Loeschhorn, op. 65, Books 2 and 3; Czerny, Cramer, Clementi, Pieces by Haydn, Schumann, and Mozart, and Sonatinas by Kuhlau, Dussak and others.

THIRD GRADE.—Loeschhorn, op. 66; Heller selections from op. 47–46 and 45; Kohler, op. 128, Book 1; Gurlitt, op. 142, the trill; Bach preludes; Sonatas or Clementi, Haydn, and Mozart, and pieces by modern composers.

FOURTH GRADE.—Cramer's Etudes (Bulow Ed.); Doring's op. 24; School of Octaves; Jensen, op. 32; Bach, Inventions; Mendelssohn's Songs Without Words; Sonatas by Mozart and Beethoven; Selections from Chopin, Schubert, Schumann, etc. Elements of Harmony, one year. Elson's Theory of Music one hour per week, free.

FIFTH GRADE.—Kulak's Octave School, Book 2; Clementi's Gradus ad Parnassum; Bach's Well Tempered Clavichord; Chopin,

op. 10; Concertos by Mendelssohn, Grieg, Beethoven, and others. Selections appropriate to this grade from Bach, Chopin, Weber, and others.

Recitals are given every third Wednesday evening, all students of the Music Department participating at the discretion of their instructors.

The College Orchestra offers the advantage of the orchestra and ensemble playing, and the Union College Glee Club and the Girls' Glee Club afford further training.

Voice Culture.

In the study of voice culture careful attention is given to the following points: Correct breathing, position of the body, voice building, tone formation and placing, distinct articulation and artistic interpretation of songs, classic, romantic, and modern, followed by selections from oratorio and opera.

Instruction is given in sight singing and playing, ear-training, harmony, analysis—theoretical and harmonic,—theory of music, and musical history.

Violin.

FIRST GRADE.—Tour's Violin School; Scales; selections from studies by Kayser, Dont, and others; exercises on intonation.

SECOND GRADE.—Violin School by Tours, David, and others; Kayser's Exercises, Books 1 and 2; Mazas; scales in positions; selected pieces.

THIRD GRADE.—Scales in position; bowing exercises; preparatory exercises to Kreutzer; Sonatas by Beethoven and Mozart; selected pieces.

FOURTH GRADE.—Exercises and Scales by Schradieck; Kreutzer Etudes; David; Mozart Sonatas; pieces of corresponding difficulty.

Tuition Fees.

Piano, two lessons per week, per year,	$36 00
Harmony, two lessons per week, per year,	36 00
Violin or Mandolin, per year,	36 00
Voice, per year,	36 00
Use of piano, per year,	5 00

HONORS.

Through the generosity of several persons interested in education, we are enabled to offer several awards of honor for excellence, in various courses pursued.

ORATORICAL HONOR:—J. M. Robsion, Esq., of Barbourville, Ky., offers to the successful contestant in the oratorical contest, among the students of Union College, a gold medal. The oration must be an original production and delivered before a public assemblage.

MATHEMATICAL HONOR:—First National Bank of Barbourville, Ky., will give to the student attaining greatest excellenee in Mathematics, ten dollars in gold.

LATIN HONOR:—W. R. Hughes, Esq., of Barbourville, Ky., will give the student attaining greatest excellence in Latin, ten dollars in gold.

ENGLISH HONOR:—*The Alumni Association of Union College* will give to the student attaining highest excellence in English, ten dollars in gold; second honor, five dollars in gold.

MODERN LANGUAGE HONOR:—National Bank of John A. Black will give to the student attaining highest excellence in German or French, ten dollars in gold.

SCIENCE HONOR:—Judge F. D. Sampson, of Barbourville, Ky., will give to the student attaining highest excellence in Science, ten dollars in gold.

EXPENSES.

Academic.

Boarding students per year,	$100 00
" Sub-Academic Students per year	90 00
These are payable by the Term, $33.35 and $30.00 respectively.	
Physical Laboratory fee per term,	2 00
Chemical Laboratory fee per term	2 00

Day students, Academic Department, first term, ...	$10 00
" " Sub-Academic " " "	6 00
Diplomas	5 00

All fees are payable in advance and students have no privileges of the Institution until bills and fees are paid, or satisfactory arrangements for payments. These are payable at the office of the President. The above charges do not include Music or Elecution.

The student is held responsible for any damage to his own room, or any damage done to other property. Damage of a general nature may be assessed upon the whole school.

CATALOGUE

UNION COLLEGE

1908-1909

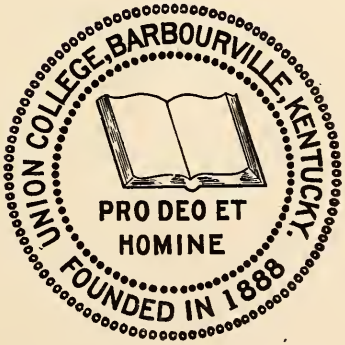
BARBOURVILLE, KY.

CATALOGUE

OF

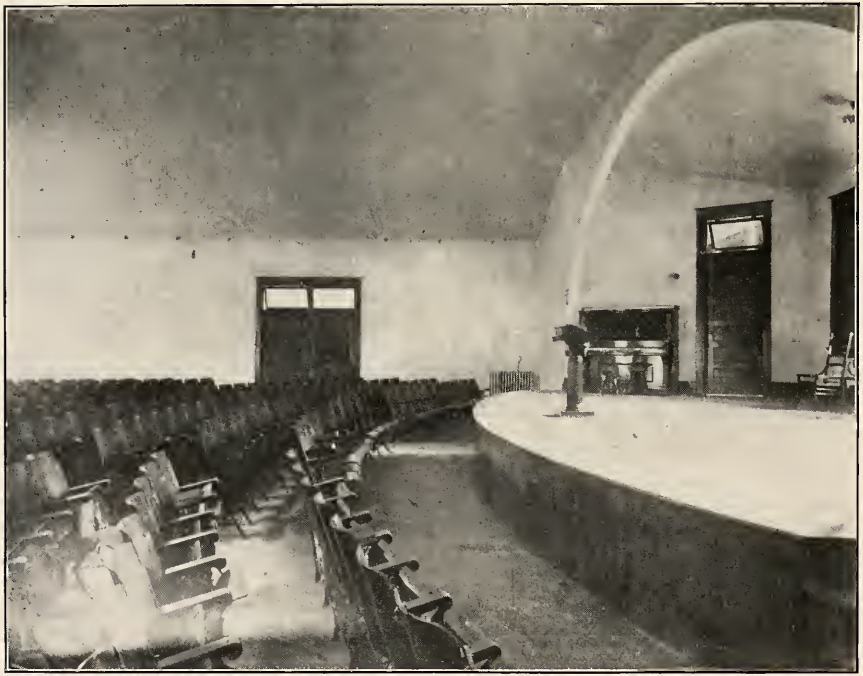
UNION COLLEGE

1908-1909



BARBOURVILLE, KENTUCKY

ADMINISTRATION HALL



CHAPEL—CAPACITY 500

CALENDAR 1908-1909

September 8,	Beginning of Fall Term.
September 8–9,	Matriculation.
September 9,	Class Work.
November 26,	Thanksgiving.
November 27,	Fall Term Ends.
November 28,	Winter Term Begins.
December 23 to Jan'ry 4,	Christmas Holidays.
January 4,	Class Work Resumed.
February 22,	Washington's Birthday.
March 4,	Winter Term Ends.
March 9,	Spring Term Begins.
May 27,	Commencement.

BOARD OF TRUSTEES

Class 1 — Rev. A. Boreing, D. D. . . . West Covington, Ky.
Harold Means . . . . . Ashland, Ky.

Class 2 — Rev. E. L. Shepard . . . . . Nicholasville, Ky.
John W. Henderson . . . . . Ashland, Ky.

Class 3 — Rev. Thos. Hanford, D. D. . . . . Augusta, Ky.
A. M. Decker . . . . . Barbourville, Ky.

Class 4 — Rev. G. V. Morris, D. D. . . . . Lexington, Ky.
C. B. Nordeman . . . . . Louisville, Ky.

Class 5 — Rev. Bird Hughes . . . . . Sardis, Ky.
Chas. C. Stoll . . . . . Louisville, Ky.

Class 6 — Rev. J. D. Walsh, D. D. . . . . Paintsville, Ky.
Hon. J. H. Tinsley. . . . . Covington, Ky.

OFFICERS

A. Boreing, D. D., *President*

Hon. J. H. Tinsley, *V-President*

C. B. Nordeman, *Secretary*

C. C. Stoll, *Treasurer*

COMMITTEES

FINANCE

Jno. W. Henderson

A. Boreing

J. H. Tinsley

C. C. Stoll

C. B. Nordeman

SCHOOL

A. Boreing

J. D. Walsh

E. L. Shepard

G. V. Morris

Thos. Hanford

PROPERTY

C. C. Stoll

C. B. Nordeman

Harold Means

APPROPRIATION

A. M. Decker

J. H. Tinsley

Bird Hughes

FACULTY

James W. Easley, A. M., B. D.
Lectures and Oratory

Edgar S. Mace
History, Economics and Civics

Percy L. Ports, B. S.
Science and Mathematics

Lewis H. Chrisman, A. B.
English

Hilbert T. Ficken
Latin and Greek

German and French

B. C. Lewis
Mathematics and Normal

Lucy D. Faris
English, Preparatory and Elocution

Katharine Van D. Sutphen
Piano and Harmony

Violin and Mandolin

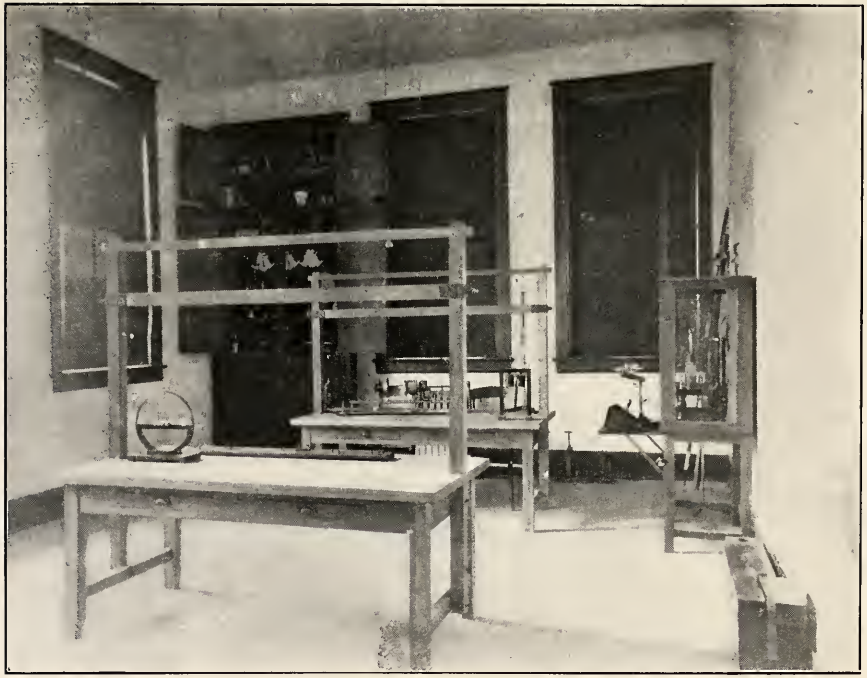
Henry L. Pitman, A. B.
Commercial Department

Mrs. Joan M. Easley
Preceptress

Mrs. Mary E. Mace
Matron

Librarian

CHEMICAL LABORATORY



PHYSICAL LABORATORY

HISTORY OF THE COLLEGE

Union College had its origin in the minds of the citizens of Barbourville, the town in which it is situated. For the purpose of securing a site and erecting a suitable building, a joint stock company was formed and incorporated by the Legislature of Kentucky in 1879. The College building was erected and dedicated in 1880, but the property was sold to the Rev. D. Stevenson, D. D., and others, acting as the agent of the Kentucky Conference of the Methodist Episcopal Church, in 1886.

The Institution was under the administration of Dr. Stevenson, as President, till his death in January, 1897. These ten years were marked by the slow but steady and healthy growth of all the elements of a good school. The building was greatly improved and completed; a small but very helpful library was provided; a room was set aside for the use of the Literary Societies, elegantly furnished and dedicated; the campus was enlarged by the purchase of an additional lot, upon which a beautiful five-room cottage was built, which has since been known as "College Cottage," or President's residence; and a small endowment fund was secured. But the growth of the school was not in material things only. At first an Academic and then a Collegiate Course of study was instituted, and year by year students climbed higher and higher in these courses, until, in 1893, two young men were graduated in the Classical or A. B. Course. Ideas of moral excellence were inculcated, right living enjoined, and the position of the Institution as to certain moral and religious issues defined.

After the death of Dr. Stevenson, the School came under the administration of the Rev. James J. Faulkner, A. M. Under President Faulkner, Union College continued to increase in student attendance and material development. Six acres have been added to the campus and a commodious hall has been built for young women, giving superior residences for them. Upon the resigna-

tion of President Faulkner, James W. Easley, A. M., was elected to succeed him.

At this juncture, the Board of Education came into possession of the large bequest of Mrs. Fanny Speed, by which means it has been possible to place upon the School an adequate amount to make possible a new life for the Institution. The old administration building was struck by lightning on the 24th of August, 1906, and totally destroyed.

A modern Administration Hall has been built upon the site of the one destroyed.

GENERAL INFORMATION

THE AIM

Of Union College has for its purpose the development of life and formation of character. Right standards of life are placed before the student, and Christian principles of living are given that emphasis which is their due and will give force in character building.

The courses tend to end in liberal culture. The Institution interprets the meaning of life, and sets itself to the task of fitting men for the responsible duties the age demands of individuals.

LOCATION.

The College is in Barbourville, Ky., which town is situated on the Cumberland River. The Campus is somewhat centrally located, and has seven acres of land. The surroundings are most attractive. The valley is surrounded by mountains with rich and ever changing scenery. These afford ample opportunity for pedestrian tours, or excursions of scientific classes. The climate is mild, the temperature in severe weather being about twenty degrees higher than at Cincinnati. Persons who can not endure the severe climate of the North, or who have a tendency to nervous troubles, improve in the salubrious atmosphere of these parts. This is invariably the case.

The moral tone of the town is good. By a special act, no intoxicants can be sold within four miles of Union College.

The following denominations have churches: Baptist, Christian, Presbyterian, Methodist Episcopal South, and the Methodist Episcopal.

BUILDINGS.

The Campus is the most beautiful plot in the town. Upon it are five buildings.

ADMINISTRATION HALL:—This is a magnificent and spacious three-story building, constructed of concrete and brick, trimmed in stone. In it are fifteen class rooms, besides reception, library and reading room, office and chapel. This hall is constructed upon most scientific principles, heated by steam and having latest system of ventilation. Besides this, there is the fullest equipment, by which the work of the students is made attractive.

SPEED HALL:—This is the home of young women. A three-story building of unique design. Has spacious halls and parlors. The rooms are elegantly furnished, and it is one of the most attractive school homes known. Speed Hall will accommodate seventy-five young ladies.

The President and his family have their apartments in this hall. As there is no kitchen or dining room service in this building, it is restfully quiet, and thus has every advantage for the study work of the student. This building is supplied with bath rooms and heated by steam.

YOUNG MEN'S HALL:—This is a new hall, which was occupied for the first time when school opened in the Fall. It is a fine brick structure, three stories high. It has fifty-two rooms, accommodating two students each. Nothing is lacking for convenience, comfort or health. This is on the opposite side of the Campus from the Ladies' Hall, with the Administration Hall between them. The building is heated by steam. The furniture is equal to the best in use among boarding schools. This building is thoroughly fitted with toilet rooms and ample baths with cold and hot water.

STEVENSON COTTAGE:—This building bears the name of the honored first President of Union College. Its location is between Administration Hall and Speed Hall. This, in the future, will be devoted to music and art. It will receive all the pianos used in practice and for recitation.

GENERAL HEATING PLANT:—To supply heat for all buildings, a central heating plant, removed from all other buildings, has been installed. This is made to contribute to health, clean-

liness and safety. Fire is made the remotest possibility. This gives a very complete system of buildings, sufficient to meet all immediate needs, and for future developments.

So far as material equipment is concerned these buildings place us in the front rank, and make it desirable to become a patron of the school.

DINING HALL:—One central dining hall is made to render service for all students, men and women. The dining hall will accommodate three hundred persons. The students are not isolated, but are part of a large family. The Faculty, with the President and his family, are together in the dining hall. The food is ample and in reasonable variety. Nothing is so conducive to good health as food of good quality, properly prepared. The good health and appearance of students is a testimony to our boarding hall. The Institution has its own private bakery, to insure wholesome bread.

SOCIAL LIFE.

The social instinct is perfect in man. Recognition is given to the social life of the student. A home life is secured, and the principles governing a well-ordered Christian home are in practice in the management of the school. The students' social ties are strong. Aside from this feature, in class room, campus, and hall life, emphasis is given it by the occasional gathering of the student body in the parlors, under the direction of the Faculty.

GOVERNMENT.

Proper control and guidance of a student body is of such great importance that too much attention can not be given to it. The principle is *self-control and self-direction.* The high principle of developing the good is adopted. This produces the best results in character building. Those who are not amenable to rules of right living and do not respond to the appeals to a moral life, will soon be asked to leave.

A Christian school can not be used as a reformatory; other schools do not want the trouble.

Dormitory life places the control of the student body at best advantage for easy direction in conduct, as well as best direction

in study. Co-operation from the homes is a necessity. This is not alone expected, but earnestly solicited.

CHURCH ATTENDANCE.

Church attendance is required. Each student must select one of the churches of the town as a church home. He must be in attendance at the church at the Sabbath morning service. It is also required that the student shall give attendance upon all religious services under the direction of the College.

ORGANIZATIONS.

(a) Athletics.

The mild climate, late fall and early spring, make field sports a greater feature than in many parts. The Athletic Association promotes these, and holds under proper control all features of its work.

The student must keep his class work entirely satisfactory in order to engage in regular field sports. The required grade is seventy-five per cent., with no one study below seventy. If his grade falls below this mark, he shall desist from athletics till his grade is regained.

(b) Literary Societies.

There are three literary societies, Philonikean, Photozetean, and the Fanny Speed. The latter for young women, the two former for young men. The importance of these is great in the development of self-control and poise before an assembly. The art of debating and habit of free discussion, and familiarity with parliamentary law, are required in the regular work. Public meetings and joint sessions are held, subject to the approval of the President.

(c) Young Men's Christian Association.

An active organization is sustained. The prime feature is the devotional meeting held each Saturday evening. The effect of this is seen in the life of the student body.

X-RAY PHOTOGRAPH OF HUMAN HAND FROM PHYSICAL LABORATORY

MEN'S COLLEGE HOME

LIBRARY AND READING ROOM.

The Speed-Stevenson Library was established by Mrs. Fanny Speed, of Louisville, Kentucky, and Mrs. Stevenson, wife of the first President of Union College. The late Prof. George H. Dains was also a liberal contributor to it. The library is rich in old volumes and includes, also, many reference books for the use of various departments. It is hoped that a large number of volumes, carefully chosen by the instructors in the several departments, may each year be added to the reference department. All college students should have access at all times to a large and well-selected reference library, and the friends of the College and of education will find no more practical method of aiding and encouraging students than by taking advantage of the opportunities which the library extends. (It is expected that in the near future large and commodious rooms on the first floor of the Administration Building will be available for the use of library and reading room.) The reading room will be supplied with all the best secular and religious papers, as well as the best American and foreign magazines. All students will thus be able to keep themselves informed with respect to the daily news, and to familiarize themselves with the best current literature.

SPECIAL INFORMATION

ADVICE TO PARENTS.

1.—It is of greatest importance that students be here on the first day of the term. On the morning of the second day, classes are formed, and it is very important that the student begin with his class.

2.—We urge parents to be cautious in the amount of spending money. If in doubt concerning the amount, advice will be cheerfully given.

3.—The attire should be neat and simple, but neither elegant nor expensive. The simple shirt waist and skirt is more suitable for the school room than lace-trimmed dresses, and simplifies laundry bills.

4.—Young ladies are not permitted to receive attentions from young men, except by written request of the parents addressed to the President. In all cases, the Administration reserves the privilege of final decision.

5.—The student is under the rules of the school in transit to and from the school.

WITHDRAWALS.

All persons having entered, will be considered as students till notice is given to the President. In case of withdrawal, twenty-five per cent. will be added to the ordinary rate for board. When students are called away by sickness or extreme cause, money advanced will be returned, subject to conditions stated above. Students dismissed or leaving without approval of the President, will be charged for full term, excepting board.

The Dormitories will be opened the day preceding the opening of the term. We shall not be able to receive any students before that date.

The daily schedule from Monday till Friday is as follows:

6:30	A. M.	Rising bell.
7:00	"	Breakfast.
7:30— 8:00	"	Arranging of rooms for day.
8:00—12:00	"	Recitations.
12:00— 1:00	P. M.	Noon hour.
1:00— 3:00	"	Recitations.
3:00— 6:00	"	Recreation.
6:00	"	Supper.
6:30— 7:00	"	Social hour.
7:00— 9:30	"	Study hour.
10:15	"	Lights extinguished.

A study hall will be provided, with attendance thereupon compulsory for all students between recitations. An instructor will be present to preserve order and render such assistance with studies as is necessary. Those students having a recitation average of 90 per cent. in any study for the term, will be excused from taking the regular term examination in that study.

ROOMS AND OUTFIT.

Most of the rooms are intended for two occupants. If any rooms are unengaged at the opening of the fall term, they may be occupied by one person, on payment of an extra sum.

Students are required to provide themselves with the following articles: Pillow slips, sheets, pair of blankets, comfortable, white spread, towels, napkins, cover for bureau and washstand. The young men will provide for single beds. There are a few double beds for young ladies. Young ladies will also bring sash curtains.

Students may only have visitors by permission of the President. The student will then be charged twenty-five cents per meal, which must be paid on the departure of the visitor.

Students dependent upon their own resources, who must have assistance or fail: To a few such some work can be given and aid in loan can be gotten.

ACADEMIC COURSE

1st Year	5. English I	5. Math. I	4. Science III	5. Latin I or 5 French I			1. Bible	
2nd Year	4. Eng. II	4. Math. II A	4. Science III and IV	5. Latin II or 4 French II		4. History I	1. Bible	
3rd Year	4. Eng III	5. Math. III & II B	4. Science V		5. German I	4. History II	1. Bible	
4th Year	4 Eng. IV	3. Math. IV & V	4. Science VI		4. German II	4. History III	1. Bible	3. Ec. & Civics

SCIENTIFIC COURSE

1st Year	5. English I	5. Math. I	4. Science I and II	5. Latin I			1. Bible		
2nd Year	4. Eng. II	4. Math. II A	4. Science III and IV	5. Latin II		4. History I	1. Bible		
3rd Year	4. Eng. III	5. Math. III & II B	4. Science V	4. Latin III	5. German I	4. History II	1. Bible		
4th Year	4. Eng. IV	3. Math. IV & V	4. Science VI	4. Latin IV	4. German II		1. Bible		

CLASSICAL COURSE

1st Year	5. English I	5. Math. I	4. Science I	5. Latin I			1. Bible		
2nd Year	4. Eng. II	4. Math. II A		5. Latin II	5. Greek I	4. History I	1. Bible		
3rd Year	4. Eng. III	5. Math. III & II B		4. Latin III	4. Greek II	4. History II	1. Bible		
4th Year	4. Eng. IV	3. Math IV & V		4. Latin IV	4. Greek III		1. Bible		

The figure to the left of each subject indicates the number of hours per week in recitation.

BASEBALL TEAM

SOME YOUNG WOMEN OF COLLEGE HOME

COURSES OF STUDY

ENGLISH.

MR. CHRISMAN.

ENGLISH I. INCLUDES Grammar—A thorough study and drill in Grammar.

Composition—Letters and Theme work.

Literature—The English Classics are used as the basis for Theme work.

ENGLISH. II. Rhetoric—Hill's Rhetoric is used and the principles are applied in written work.

Composition—Frequent Themes are required.

Literature—English Classics are read and form the basis for Theme work.

ENGLISH III. English Classics—College requirements.

Composition—Frequent Themes are required.

ENGLISH IV. English Classics, College requirements. Theme work required.

MODERN LANGUAGES.

MR. CHRISMAN—MR. FICKEN.

The aim of the first two years in German and French is to prepare the student to read the literature of the French and Germans, and to acquire some ability in conversing in the foreign language. A thorough drill in the essentials of grammar is given, in order to overcome the elementary difficulties. The conversational method is used in the class-room, in order to arouse a feeling for the foreign tongue in the student, and to enable him to interpret without the medium of translating.

GERMAN I. Thomas' "German Grammar," Guerber's "Märchen und Erzählungen I," Storm's "Immensee," portions from different text-books.

GERMAN II. Thomas' "German Grammar," W. E. Mather's "Willkommen in Deutschland," C. F. Meyer's "Gustav Adolph's Page," Otto Ernst's "Flachsmann als Erzieher."

FRENCH I. Alderich and Foster's "French Grammar," Guerber's "Contes et Légendes I."

FRENCH II. Fraser and Squair's "French Grammar," L. Halevy's "L'Abbé Constantin."

ANCIENT LANGUAGES.

MR. FICKEN.

The aim of this department is to make the student thoroughly acquainted with the forms of inflection and the principles of syntax; to give him a full vocabulary and ease in translating; to make him conversant with the life and manner of the Greeks and Romans. Special attention is given to Sight Reading and Prose Composition.

LATIN I. Coller & Daniel's First year Latin.

LATIN II. Cæsar is read during the year, Books I, II, III and IV; Coller & Daniel's Prose Composition is used and emphasis laid upon these exercises.

LATIN III. Cicero, Six Orations; Prose Composition, together with mastery of forms and syntax.

LATIN IV. Virgil's Aneid, Six Books; Prosody; Prose Composition and Mythology.

GREEK I. White's First Lesson in Greek is mastered and Xenophon's Anabasis is begun in the last term.

GREEK II. Xenophon's Anabasis; Pearson's Prose Composition. Four Books of Anabasis is completed and Grammar thoroughly studied.

GREEK III. Homer's Iliad, Six Books; Prosody; Prose Composition; Mythology.

HISTORY.

MR. MACE.

HISTORY I. Ancinet History, especially Greek and Roman History, with a brief study of the Eastern Nations. The text used is Wolfson's Essentials; Ancient History. Note book work. Map work. Reference work required on important features.

HISTORY II. English History based upon Montgomery's Leading Facts of English History, concluding with class papers upon leading features. Note book work. Collateral reading on important principles.

History III. Medieval and Modern History. The text of Meyers is used. Reference work is required on the important periods, such as the Renaissance, French Revolution, the unification of Germany and Italy; also on important institutions; *e. g.*, Feudalism.

ECONOMICS AND CIVICS.

Mr. Mace.

Economics and Civics are given equal time in fourth year. The text used is Bullock's Political Economy, Martius' New Civil Government. This will be supplemented by lectures.

BIBLE.

Bible study will be carried through four years, one hour per week.

I. Study of early Bible period to Solomon's reign.
II. Solomon's reign, the two Kingdoms, major and minor prophets and poetical books.
III. The life of Christ, based upon John's Gospel, supplemented by reference, other Gospels, Stalker's Life of Christ, hand book.
IV. The study of The Acts, Pauline Epistles.

NATURAL SCIENCES.

Mr. Ports.

The sciences are taught largely on the laboratory basis. This is in line with modern teaching methods, and is made possible by our splendid laboratory equipment. The student is taught to observe and to find things out for himself. The value of this method is obvious. The sciences are taught, not as groups of abstract principles, but as explanations, on a scientific basis, of life and nature about the student; hence field work, where pertinent, is given a large place. The usual course is somewhat evenly divided between recitation work and laboratory exercises. Two periods of laboratory work are the equivalent of one of recitation.

Science I. Physical Geography. One-half of the first year. This course consists of recitation and laboratory work

and Saturday excursions. The laboratory work consists of the study of physiographic forms from the topographic sheets of the U. S. Geological Survey, the study of soils and minerals, and practical observations of weather conditions. For our Saturday excursions, we have one of the richest fields in the State to study. The recitation work follows *Davis' Elementary Physical Geography.*

SCIENCE II. BOTANY. Second half of first year. Studies in elementary Botany, presented with special reference to the relation of the plant to its environment. Plants will be studied from this viewpoint during our botanical excursions. The development of the plant from the seed will be studied from actual observation in the laboratory. A small herbarium will be prepared by each student. *Coulter's Plant Relations.*

SCIENCE III. ZOOLOGY. First half of second year. Laboratory study of principal branches of animal kingdom, from Protozoa to Vertebrata, supplemented by field work and by reference to standard text. *Burnet's School Zoölogy.*

SCIENCE IV. PHYSIOLOGY. Second half of second year. A course in Human Physiology, Personal Hygiene and Public Sanitation. Practical matters of health will receive special consideration. The course is supplemented by laboratory experiments. *Blaisdell's Life and Health.*

SCIENCE V. PHYSICS Text-book and laboratory work in elementary Physics. In our newly-equipped laboratory apparatus is provided for about forty individual experiments by the student, covering Mechanics, Light, Heat, Sound, Magnetism and Electricity. The class will visit and study our own electric light plant, the city plant and the city ice plant. *Millikan and Gale's First Course in Physics. National Physics Laboratory Manual.*

SCIENCE VI. CHEMISTRY. A study of the elements and of the laws of chemical combination, with special emphasis on the more recent views of chemical problems. A full laboratory course accompanies this subject. Part of the spring term is devoted to the History of Chemistry. *Remsen's Introduction to Chemistry.*

A STUDENT'S ROOM
THE BASKET BALL TEAM

PARLOR OF SPEED HALL
ENTRANCE TO SPEED HALL

BOILER HOUSE AND ENGINE ROOM

MATHEMATICS.

MR. PORTS—MR. LEWIS.

The courses in Mathematics are intended primarily for mental discipline, consequently careful, conscientious drill is an essential factor. The drill will be thorough throughout the course. Standard texts, meeting College entrance requirements, will be used.

MATHEMATICS I. ARITHMETIC. A thorough review of Arithmetic, covering all the essential operations. *Milne's Arithmetic.*

MATHEMATICS II (a). ALGEBRA. Through the second year. The subject is pursued to Quadratics. *Wentworth's Elementary Algebra.*

MATHEMATICS II (b). ALGEBRA. Two hours per week through the third year in connection with Plane Geometry. The work begins at Quadratics and completes the subject, including a review. Same text.

MATHEMATICS III. PLANE GEOMETRY. Three hours per week through the third year is devoted to this course so that advantage may be taken of the valuable "originals."

MATHEMATICS IV. SOLID GEOMETRY. One-half of the fourth year. *Phillip and Fisher's Geometry of Space.*

MATHEMATICS V. PLANE TRIGONOMETRY. Second half of fourth year. A study of the functions of angles, the solution of triangles and the use of logarithmic and trigonometric tables. *Wentworth's Plane Trigonometry.*

Y. M. C. A.

This is an organization of great helpfulness to the student. Weekly religious meetings are held. Annually at Commencement time a speaker is secured by the Association to deliver an address along some helpful line. It is hoped to send an enthusiastic delegation to the Asheville Conference at the close of the school year. A Y. M. C. A. library has been founded. Every young man will do well to join this organization.

THE FIRST YEAR.

Fall Term.	*Winter Term.*	*Spring Term.*
English Grammar.	Arithmetic.	Arithmetic.
Arithmetic.	English Grammar.	English Grammar.
Physiology.	Orthography.	Physiology.
Orthography.	Physiology.	Orthography.
Geography.	Kentucky History.	U. S. History.
U. S. History.	Civics.	Geography.
Composition.	Reading.	Penmanship.
Method.	Method.	Method.

THE SECOND YEAR.

Latin Lessons.	Latin Lessons.	Latin Lessons.
Algebra.	Algebra, Advanced.	Algebra, Advanced.
Physics.	Physics.	Pedagogy.
English.	English.	English.

THE JUNIOR YEAR.

Latin, Cicero.	Latin, Caesar.	Latin, Caesar.
Geometry, Plane.	Geometry, Solid.	Botany.
History, Ancient.	History, Medieval.	History, Modern.
English.	English.	English.

THE SENIOR YEAR.

Trignometry.	History of Education.	Chemistry.
Latin, Virgil.	Chemistry.	German.
Chemistry.	German.	Methods.
German.	Psychology.	History of Philosophy.

NORMAL DEPARTMENT.

The object of this department is to help meet the growing demand for skilled teachers. We propose to answer two great questions: The County Boards, "Where can we get well equipped teachers for the public schools?" School Teachers, "How

can I become most efficient and command the most pay for my service?" We propose that those that take this course shall stand at the top of their profession. This course meet the requirements for general culture, and gives the student a broad knowledge of the science of education and the art of instruction and school management.

The student's attention is called to the following:

1—The term for the review, for teachers teaching will begin at the first of the year—January.

2—Those wanting a thorough review of the Common Branches should not fail to take the entire year's work. Especially does this apply to those who have never taught.

Teachers holding a first-class certificate will be admitted to the second year in the full normal course, with the privilege to review any two or three of the elementary branches. Diplomas will be granted upon completing the entire course, and the student may enter and complete the Scientific Course in the College of Liberal Arts in three years of additional work.

Those desiring to prepare for *State Certificates* will be privileged to enter any class or classes meeting their requirements.

The Normal Course includes lectures on the following subjects: Great Educators—As Mann, Matthew Arnold, Abelard, Herbart, Pestallozzi, Froebel, and Rousseau; also lectures on the subjects: School Management, Science and Art of Education. Methods, Psychology, and Child Study, including a series of talks on School Law. Teacher, do you feel the need of a broader vision of your calling? Do you want the joy of a true professional spirit? If so, don't miss the inspiration of this course.

The adopted texts of the Commonwealth will be used, supplemented by Brinckley's laboratory method in Physiology.

COMMERCIAL DEPARTMENT

HENRY L. PITMAN.

COURSES OF STUDY.

THE BUSINESS COURSE.

Bookkeeping.	Coal Mining.	Business Forms.
Office Practice.	Commercial Law.	Arithmetic.
Commerce.	Commercial Geography.	English.
Penmanship.	Banking.	Correspondence.

THE SHORTHAND AND TYPEWRITING COURSE.

Shorthand (Pitman).	Spelling.	Capitalization.
Typewriting.	English.	Punctuation.
Penmanship.	Legal Forms.	Paragraphing.

RATES OF TUITION.

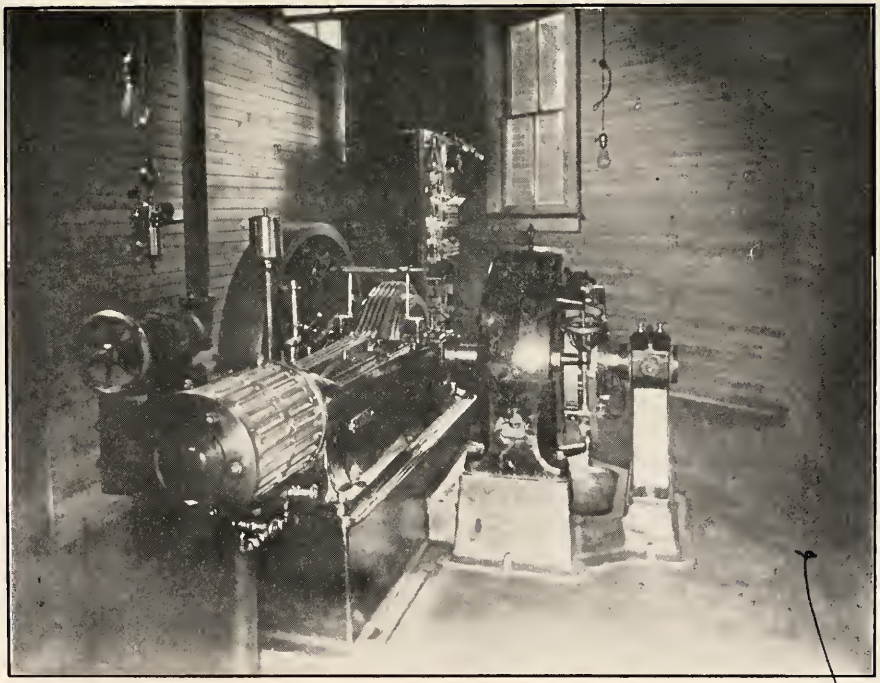
Complete Business Course (time unlimited).....$50.00
Shorthand and Typewriting (time unlimited).... 50.00
Typewriting Course alone (time unlimited)..... 18.00

All tuition payable in advance. These fees cover entire cost of tuition for the complete course, regardless of the length of time required to complete the work. Tuition in this Department is charged for the *course of study* and *not* for the *time in attendance.*

THE AIM.

The aim of this Department is to develop business men and women. It aims to prepare them for immediate entrance into the business world, and to help them find suitable positions when they shall have become qualified to fill them.

With this aim in view the Commercial Department has been equipped with an entirely new outfit of furniture, standard type-



COLLEGE ENGINE AND DYNAMO

THE MUSIC HALL

writers, office files, and everything conducive to the comfort of students and thorough instruction in all subjects. No college in the State offers ambition young men and women greater opportunities for securing a thorough, practical business education.

BOOKKEEPING AND OFFICE PRACTICE.

This subject presents ample material for almost limitless study and investigation, and is, perhaps, the most important of the business course. It is a systematic record of business transactions, and business facts, and books are kept by business firms in order that the actual condition of the business may be readily and accurately ascertained. Experience teaches that this subject should be presented in the college as it would be presented in the office of a business man, not theoretically, but practically; therefore, the moment that a student takes up the subject in this school, he begins as an actual bookkeeper. *He learns to do by doing.*

The text book is used as a reference book only. The student begins at once to receive business papers as they would naturally come into the business from other business firms. The transactions presented by the papers are recorded at once, in the proper books, and he continues to so record them until he has been thoroughly trained in journalizing, posting, taking trial balances, making balance sheets, closing the ledger, and in the forms and uses of all ordinary business papers. All business papers connected with the transactions appear with them. The student handles the currency and check, draws drafts, receives and issues notes, makes out bill of goods sold by the house, and all papers which would be handled in the office of a large business firm.

From the introductory department he passes into the intermediate, where he is given a position as a general bookkeeper for a large wholesale establishment, using all the books of original entry, receives, prepares and issues every variety of business paper known to the business world. Partners are admitted, branch stores established, and special features are introduced, which train him in every variety of accounts. He is next in-

structed in single entry, and changing from single to double entry, and given an interest as a partner in a retail establishment. After settling up his partnership affairs, he is appointed bookkeeper of a corporation in the manufacturing business in which the voucher system of bookkeeping is used, which trains him in the systematic keeping of cost, material, labor and department accounts.

BANKING.

Our banking course is considered by experts to be the most thorough, practical and modern of any banking course taught. In this course the student learns how to organize national, state and private banks, and becomes familiar with the duties and powers of the officers and clerks, the workings and advantages of clearing house association. He is given as complete a set of bank books as is to be found in any well regulated bank, and becomes thoroughly drilled in the banking business in all its details.

SHORTHAND.

The object of this study is to train young men and women for the duties of reporters and amanuenses. The ability to write shorthand and operate a typewriter comparatively well is a very small part of such a training. The ability to write English correctly, an accurate knowledge of the use of words, and extensive vocabulary, and the ability to produce any class of work verbatim and in accordance with the established standards of the English language are even more essential to the success of a stenographer than the mere ability to write shorthand and operate a typewriter.

A thorough qualification for the position of amanuensis or professional reporter requires not only a thorough instruction, but also a knowledge of a practical system of shorthand. Few reporters can be found writing any but Standard Pitmanic Systems, and we should feel that we are doing our students a great injustice, should we teach any but the best. We have therefore adopted the Ben Pitman System. This is conceded by reporters, generally, to be superior, in all essential points, to any other system.

The Shorthand and Typewriting Course includes instruction in shorthand, typewriting, reporting, letter writing, copying, penmanship, grammar, punctuation, legal forms, etc.

The demand for competent, educated shorthand writers and typewriter operators is increasing daily, and no profession offers greater inducements for the time and money spent in its acquisition than stenography. Good stenographers can always secure employment and many have made shorthand and typewriting a "stepping stone" by which they have been enabled to gain the positions of trust and honor which they are now holding.

Probably not more than one in ten of the young people who acquire shorthand will make it a lifelong vocation. Why? Because it opens up so many avenues to promotion. The nature of the stenographer's position gives him opportunities to obtain an insight into his employer's affairs not enjoyed by any other employee. Correspondence, confidential and other, passes through his hands, and he can not fail to obtain an understanding of the affairs and business methods of the firm. Therefore, when a vacancy occurs in the ranks above him, the amanuensis, possessing a knowledge of the requirements of the place, is usually promoted to the more important and lucrative position.

TYPEWRITING.

This department is equipped with the latest models of the leading machines. Students are taught to write without looking at the keyboard, thereby doubling the speed obtainable by any other method. He learns to write upon the typewriter in the same manner as he plays a piano, that, is, without looking at the keyboard.

Further information concerning any of the subjects embraced in the commercial course may be had upon application to the Principal of this Department.

MUSIC

MISSES SUTPHEN AND——————

The courses of study here prescribed are for earnest students who want to attain real excellence, and as very many have in mind the work of teaching, their needs have been especially provided for. A careful study of the individual requirements and capabilities of each pupil is made, a thorough training in the fundamental principles of technique is given, and enthusiastic musicians, as well as finished artists are developed.

The studies named indicate the range of difficulties belonging to the several grades, but it is obvious that lists of pieces sufficient to illustrate a wide range of musical literature can not here be given.

The time needed for the completion of each grade will average not less than one year. Often more time should be taken, especially if College studies are pursued at the same time.

A musical education should also comprise as much literary work as is now done in high schools, and a College Course is recommended to all who can attain it. Herein lies the advantage of studying music where art, literature, and science are blended. Here it is taught that music is the peer of any branch of human knowledge, but that no single line of study is sufficient for complete scholarship.

The following is an outline of the course of study for the

Pianoforte.

FIRST GRADE.. (Preparatory).—Gurlitt, Opus 117; Loeschhorn, op. 65, Book 1; Kohler, op. 151. Technical exercises throughout the course.

SECOND GRADE.—Kohler, op. 50; Loeschhorn, op. 65, Books 2 and 3; Czerny, Cramer, Clementi, Pieces by Haydn, Schumann, and Mozart, and Sonatinas by Kuhlau, Dussak and others.

THIRD GRADE.—Loeschhorn, op. 66; Heller selections from op. 47-46 and 45; Kohler, op. 128, Book 1; Gurlitt, op. 142, the

trill; Bach preludes; Sonatas of Clementi, Haydn, and Mozart, and pieces by modern composers.

FOURTH GRADE.—Cramer's Etudes (Bulow Ed.); Doring's op. 24; School of Octaves; Jensen, op. 32; Bach, Inventions; Mendelssohn's Songs Without Words; Sonatas by Mozart and Beethoven; Selections from Chopin, Schubert, Schumann, etc. Elements of Harmony, one year. Elson's Theory of Music one hour per week, free.

FIFTH GRADE.—Kulak's Octave School, Book 2; Clementi's Gradus and Parnassum; Bach's Well Tempered Clavichord; Chopin, op. 10; Concertos by Mendelssohn, Grieg, Beethoven, and others. Selections appropriate to this grade from Bach, Chopin, Weber, and others.

Recitals are given every third Wednesday evening, all students of the Music Department participating at the discretion of their instructors.

The College Orchestra offers the advantage of the orchestra and ensemble playing, and the Union College Glee Club and the Girls' Glee Club afford further training.

Voice Culture.

In the study of voice culture careful attention is given to the following points: Correct breathing, position of the body, voice building, tone formation and placing, distinct articulation and artistic interpretation of songs, classic, romantic, and modern, followed by selections from oratorio and opera.

Instruction is given in sight singing and playing, ear-training, harmony, analysis—theoretical and harmonic—theory of music, and musical history.

Violin.

FIRST GRADE.—Tour's Violin School; Scales; selections from studies by Kayser, Dont, and others; exercises on intonation.

SECOND GRADE.—Violin School by Tours, David, and others; Kayser's Exercises, Books 1 and 2; Mazas; scales in positions; selected pieces.

THIRD GRADE.—Scales in position; bowing exercises; preparatory exercises to Kreutzer; Conatas by Beethoven and Mozart; selected pieces.

FOURTH GRADE.—Exercises and scales by Schradieck; Kreutzer Etudes; David; Mozart Sonatas; pieces of corresponding difficulty.

Tuition Fees.

Piano, two lessons per week, per year,	$36 00
Harmony, two lessons per week, per year,	36 00
Violin or Mandolin, per year	36 00
Voice, per year,	36 00
Use of piano, per year	5 00

Academic.

Boarding Students, per year	$100 00
Boarding Sub-Academic Students, per year	90 00

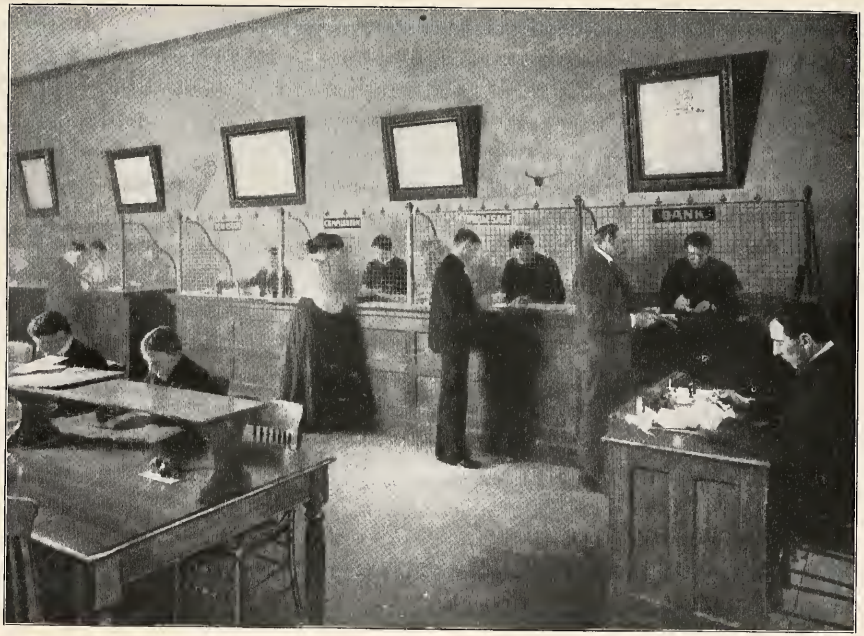
These are payable by the Term, $33.35 and $30.00 respectively.

The following are the Laboratory Fees:

Physical Geography, per course	1 50
Botany, per course	1 50
Zoology, per course	1 50
Physiology, per course	1 50
Physics, per term	2 00
Chemistry, per term	2 00
Day students, Academic Department, per term	10 00
Day students, Sub-Academic Department, per term	6 00
Diplomas	5 00

All fees are payable in advance and students have no privileges of the Institution until bills and fees are paid, or satisfactory arrangement for payments. No fees are returnable. These are payable at the office of the President. The above charges do not include Music or Elocution.

The student is held responsible for any damage to his own room, or any damage done to other property. Damage of a general nature may be assessed upon the whole school.



COMMERCIAL DEPARTMENT

ACADEMIC STUDENTS.

Name.	Address.
Adkins, Ben. L.	Williamsburg, Ky.
Ashley, T. B.	Bethelridge, Ky.
Albright, Lillian	Barbourville, Ky.
Albright, Clarence	Barbourville, Ky.
Black, Charles	Barbourville, Ky.
Bussy, Carl	Barbourville, Ky.
Ballinger, Mary	Barbourville, Ky.
Ballinger, Amelia	Barbourville, Ky.
Brown, D. W.	Boering, Ky.
Bastin, Pearl	East Bernstadt, Ky.
Creech, Anna	Wasiota, Ky.
Colson, Lela	Cumberland Gap, Va.
Colson, Verdie	Cumberland Gap, Va.
Cole, William J.	Barbourville, Ky.
Cole, Allie	Barbourville, Ky.
Decker, A. M., Jr	Barbourville, Ky.
Decell, J. Loyd	Wesson, Miss.
Decker, Elmer	Barbourville, Ky.
Easley, Laura G.	Barbourville, Ky.
Easley, Warren	Barbourville, Ky.
Faulkner, Nannie	Barbourville, Ky.
Faulkner, Mildred	Barbourville, Ky.
Faulkner, Edward	Barbourville, Ky.
Faulkner, Vernon	Barbourville, Ky.
Faulkner, Clarence	Barbourville, Ky.
Faulkner, Alma	Barbourville, Ky.
France, A. L.	New Richmond, O.
Golden, James G.	Barbourville, Ky.
Golden, Lynn	Barbourville, Ky.
Hall, Mintie	Ely, Ky.
Hayes, Lela	Barbourville, Ky.
Howes, Robert	Barbourville, Ky.
Howes, Bruce	Barbourville, Ky.
Howes, Charles	Barbourville, Ky.
Hall, E. P.	Barbourville, Ky.
Hardy, S. B.	Vanceburg, Ky.
Jarvis, Raleigh	Barbourville, Ky.
Jarvis, Walter	Barbourville, Ky.
Jarvis, Floyd	Barbourville, Ky.
Jarvis, Nettie	Barbourville, Ky.
Jones, Marvin E.	Barbourville, Ky.
Kincheloe, Nancye	Hardinsburg, Ky.
Kincheloe, Idella	Hardinsburg, Ky.
Limerick, Frank L.	Berry, Ky.

NAME.	ADDRESS.
Lewellyn, Wm.	Jellico, Tenn.
Mathews, Mary	Jellico, Tenn.
Newman, Sudie P.	Sardes, Ky.
Price, Wm. U.	Middlesboro, Ky.
Pursiful, Nora	Wasiota, Ky.
Perkins, Boyd	Williamsburg, Ky.
Ragan, James	Middlesboro, Ky.
Ragan, O. G.	London, Ky.
Robinson, Chas. B.	London, Ky.
Singleton, J. S.	Newport, Ky.
Stansberry, Hattie	Barbourville, Ky.
Stratton, Gladys	Somerset, Ky.
Scott, L. C.	Quincy, Ky.
Spires, J. G.	Parksville, Ky.
Sevier, John R.	Barbourville, Ky.
Stanfill, William	Barbourville, Ky.
Shepherd, W. W.	Barbourville, Ky.
Tinsley, Alex	Barbourville, Ky.
White, W. R.	Manchester, Ky.
White, Roy	Manchester, Ky.
Wilson, Mary	Danville, Ky.
Wood, Lewis C.	Quincy, Ky.
Wood, Arnold	Quincy, Ky.
Wood, Thomas	Quincy, Ky.
Williams, George E.	Barbourville, Ky.
Young, E. E.	Highland, Ky.
Young, John H.	Highland, Ky.
Young, Fannie	Highland, Ky.

MUSIC STUDENTS.

Albright, Lillian	Barbourville, Ky.
Albright, Clarence	Barbourville, Ky.
Adkins, Ben L.	Williamsburg, Ky.
Brown, D. W.	Boreing, Ky.
Bastin, Pearl	East Bernstadt, Ky.
Creech, Anna	Wasioto, Ky.
Creech, Verdie	Wasioto, Ky.
Colson, Lela	Cumberland Gap, Va.
Colson, Verdie	Cumberland Gap, Va.
Cole, Maud	Barbourville, Ky.
Decker, Ruth	Barbourville, Ky.
Doan, Harry	Barbourville, Ky.
Easley, Laura G.	Barbourville, Ky.
Easley, Joan	Barbourville, Ky.
Fletcher, Antonette	Science Hill, Ky.

Name.	Address.
France, A. L.	New Richmond, O.
Faulkner, Nannie	Barbourville, Ky.
Faulkner, Lura	Barbourville, Ky.
Hall, Mintie	Ely, Ky.
Howes, Robert	Barbourville, Ky.
Howard, Maud	Wasioto, Ky.
Jones, Cleo	Barbourville, Ky.
Kincheloe, Nancye	Hardinsburg, Ky.
Kincheloe, Idella	Hardinsburg, Ky.
Mathews, Mary	Barbourville, Ky.
Owens, Ethel	Barbourville, Ky.
Pursiful, Nora	Wasioto, Ky.
Rawlings, Lucy	Burning Springs, Ky.
Ragan, O. G.	London, Ky.
Stansberry, Hattie	Barbourville, Ky.
Shelley, M. G.	Albany, Ky.
Tinsley, Lucy	Barbourville, Ky.
Tuggle, Richard	Barbourville, Ky.
Warner, Hazle	Four Mile, Ky.
Wilson, Mary	Danville, Ky.

NORMAL STUDENTS.

Bailey, James	Cropper, Ky.
Bailey, J. Samuel	Cropper, Ky.
Blackburn, Cora	Barbourville, Ky.
Blackburn, Winnie	Barbourville, Ky.
Burnett, Charles	Campground, Ky. T
Burnett, Edward	Campground, Ky. T
Cornelius, Fred	Ionia, Ky. T
Chestnut, Zova Humfleet	Bailey's Switch, Ky.
Chappel, John	Emanual, Ky. ?
Dean, Mary	Flat Lick, Ky.
Elliott, Edna	Grays, Ky. ? T
Elliott, Adda	Grays, Ky. T
Frederick, Edith	Emanual, Ky.
Fuson, White	Pineville, Ky. ? T
Fuson, Eva	Pineville, Ky. T
Gibson, W.	Flat Lick, Ky.
Goodin, Myrtle	Four Mile, Ky.
Golden, Stephen	Barbourville, Ky.
Hays, Boyd Bus Allen	Straight Creek, Ky. T
Howard, Clo	Artemus, Ky.
Howard, May	Artemus, Ky.
Hays, Mattie	Straight Creek, Ky.
Humfleet, D. M	Grays, Ky. T

Name.	Address.
Jarvis, Harrison	Jarvis Store, Ky.
Jarvis, S. E.	Knox Fork, Ky.
Jarvis, William	Barbourville, Ky.
Jones, Sam	Cannon, Ky.
Jones, Cleo	Cannon, Ky.
Lane, Bertha	Barbourville, Ky.
Lawson, William	Brush Creek, Ky.
Lester, Sarah	Flat Lick, Ky.
Miracle, Newton	Straight Creek, Ky.
McWilliams, Rufus	Bailey Swith, Ky.
Miracle, James	Straight Creek, Ky.
Mitchell, Maud	Barbourville, Ky.
McClancy, Sadie H.	Flat Rock, Ky.
Perkins, S. M.	Brush Creek, Ky.
Pursiful, Brown L.	Wasioto, Ky.
Pfaff, Minne	Emanual, Ky.
Parker, J. E.	Grays, Ky.
Reeves, Meridia	Rockhold, Ky.
Rawlings, G. W.	Burning Springs, Ky.
Riley, Chester	Cannon, Ky.
Stump, Maud	London, Ky.
Smith, Sudie	Straight Creek, Ky.
Smith, Lillie V.	Straight Creek, Ky.
Trosper, Nannie	Trosper, Ky.
Trosper, Nola	Trosper, Ky.
Vanhoose, Jennie	Wilton, Ky.
Williams, Oscar	Flat Lick, Ky.
Williams, Andrew	Flat Lick, Ky.
Wilder, Ewing	Straight Creek, Ky.
West, Laura	Cumberland, Ky.

GRAMMAR DEPARTMENT.

Decker, Ruth	Barbourville, Ky.
Decker, Sawyer	Barbourville, Ky.
Faulkner, Lura	Barbourville, Ky.
Grace, Loyd	Bailey Switch, Ky.
Goodin, Altie	Four Mile, Ky.
Goodin, Ethel	Four Mile, Ky.
Gillinwater, Nettie	Barbourville, Ky.
Green, Sudie	Wilton, Ky.
Hall, Grace	Ely, Ky.
Hall, John	Barbourville, Ky.
Jones, Herbert	Barbourville, Ky.
Jackson, Joseph	Bailey Switch, Ky.

NAME.	ADDRESS.
Lockhart, Lutie. Mrs Arthur Clark	Barbourville, Ky.
Miracle, James	Straight Creek, Ky.
Miller, Roy. City	Barbourville, Ky.
McDonald, Maud. Mrs Joel Hopper	Barbourville, Ky.
McDonald, Victor	Barbourville, Ky.
Owens, Ethel. Corbin (Thomas)	Barbourville, Ky.
Reynolds, Ada	Flat Lick, Ky.
Ray, Maud E.	Emanual, Ky.
Scent, Ed. Lou	Barbourville, Ky.
Smith, Harry	Barbourville, Ky.
Sawyers, Ed.	Barbourville, Ky.
Tuggle, Richard. See Jim	Barbourville, Ky.
Warner, Hazel	Four Mile, Ky.
Watkins, Hattie. Lena	Tuttle, Ky.

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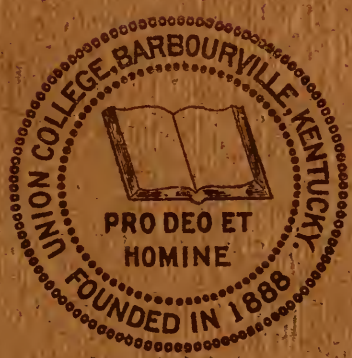
Cincinnati, Ohio

Catalogue

Union College



1911-1912

Barbourville, Kentucky

UNION C
Buildings a

LLEGE
Grounds

Administration Building

Catalogue

Union College

1911-1912

Barbourville, Kentucky

Press of Jennings & Graham, Cincinnati

Fanny Speed Hall. (Young Ladies' Dormitory)

Fanny Speed Hall. (Young Ladies' Dormitory)

1911
Group of Students, some members of Faculty, and Board of Education

Calendar

1911

September 5, . Opening.

November 23, . Thanksgiving Holiday.

November 25, . Fall Term Ends.

December 23, . Beginning of Christmas Holidays

1912

January 2, . . Class Work Resumed.

January 13, . . First Semester Ends.

February 22, . Washington's Birthday—Exercises in the Evening.

February 24, . Winter Term Ends.

May 21, . . . Commencement.

Board of Control

Class No. 1—Rev. G. V. Morris, D. D., ... Lexington, Ky.
Mr. C. B. Nordeman, ... Louisville, Ky.

Class No. 2—Rev. Bird Hughes, ... Sardis, Ky.
Mr. Joshua Shaw, ... Lexington, Ky.

Class No. 3—Rev. J. D. Walsh, D. D., . . . Chattanooga, Tenn.
Hon. J. H. Tinsley, ... Covington, Ky.

Class No. 4—Rev. Amon Boreing, D. D., ... Ashland, Ky.
Mr. Harold Means, ... Ashland, Ky.

Class No. 5—Rev. E. L. Shepard, ... Hardinsburg, Ky.
Mr. J. W. Henderson, ... Ashland, Ky.

Class No. 6—Rev. Thomas Hanford, D. D., ... Louisa, Ky.
Mr. A. M. Decker, ... Barbourville, Ky.

Officers.

Rev. Amon Boreing, D. D., ... *President.*
Hon. J. H. Tinsley, ... *Vice-President.*
Mr. C. B. Nordeman, ... *Secretary.*
Mr. J. W. Henderson, ... *Treasurer.*

Property Committee

Rev. Amon Boreing, Mr. C. B. Nordeman, Mr. A. M. Decker,
Rev. Bird Hughes.

Faculty

JAMES D. BLACK, LL. D., PRESIDENT,
Civics, Economics.

PERCY L. PORTS, B. S.
Natural Sciences.

MISS ABBIE E. WEEKS, A. M ,
English Language and Literature.

HARRY W. RICKETTS, A. B.,
History aud Latin.

MISS SUSAN A. MILWARD,
Mathematics.

MISS MARTHE LENA LENHARDT, A. B.,
German, French, Latin.

REV. F. W. HARROP,
English Bible.

B. C. LEWIS,
Normal Department. Assistant in Latin

Assistant in Normal Department

MISS ROBERTA ALLEN SANDUSKY,
Primary and Intermediate Departments.

Assistant.

MISS MATTIE D. LILLESTON,
Piano, Theory, Harmony, and History of Music. Mandolin.

MISS EVA SWEARINGEN,
Art.

Elocution.

Domestic Science.

MRS. B. C. LEWIS,
Matron

Preceptress

ALGIN T. SIMMS,
Assistant in Physics and Shop Work.

CHARLES LEROY HOWES,
Assistant in Chemistry and Biology.

A. D. SMITH,
Superintendent of Buildings and Grounds.

Officers of Administration.

JAMES D. BLACK, LL. D., ... *President.*
PERCY L. PORTS, ... *Vice-President.*
B. C. LEWIS, ... *Secretary.*
MISS WEEKS, ... *Librarian.*

Committees

Committee on Discipline

President Black, Professor Lewis, Miss Lenhardt, Miss Lilleston.

Committee on Religious Work

Professors Harrop and Ports, Miss Milward, Miss Weeks.

Committee on Literary Societies

Professors Ricketts and Harrop, Miss Milward, Miss Sandusky.

Committee on Curriculum

Professors Ports and Ricketts, Miss Lenhardt.

Committee on Library

Miss Weeks, Miss Milward, Miss Sandusky, Professor Lewis.

Committee on Student Loans

President Black, Professors Harrop, Ports, and Lewis.

Committee on Public Entertainments

Professors Ricketts and Ports, Miss Lilleston, Miss Sandusky.

Committee on Athletics

Professors Lewis, Harrop, and Ricketts.

Boys' Dormitory

Union College

Its Location

ARBOURVILLE, KENTUCKY, is the site of this institution, and is the county seat of Knox County. It is an incorporated city of about two thousand inhabitants and is situated on the Cumberland Valley Division of the Louisville & Nashville Railroad. It is an attractive and progressive town. It has many of the modern conveniences, such as gas, electric lights, waterworks, telephone exchange, good hotels, banks, stores, etc. Its citizenship is refined and law-abiding. In no place in the county is the sale of intoxicating liquors authorized by law. The moral tone of the town is high. The Baptists, Presbyterians, Christian, Methodist Episcopal South, and Methodist Episcopal have churches here. There are no temptations to lead the student away from his or her work; no allurements to vitiate or distract the mind; no empty, profitless amusements; no incentive to idleness or extravagance. The ideals of the people are elevating; their friendships warm, genuine, and abiding; their hospitalities cordial and gracious. They are interested in the school and the student. The artificial and the superficial are alien here.

Cumberland River, famed for the purity of its mountain waters and the unique and pleasing picturesqueness of its surrounding scenery, flows through the valley and skirts the town. Charm and beauty of hill and valley here commingle in plentiful and splendid profusion. The chaste and comforting influences of mountain and lowland are present to energize the manly and

womanly thought and aspiration of the student. The freshness and freedom of the country life, the helpful influences of a cultured and progressive town, the close and enriching mingling with these by the student, manifest the many advantages of this rural seat of learning. The nearby hills lying around here, with their rich and ever-changing scenery, afford ample opportunity for pedestrian tours and excursions of scientific classes. The climate is mild. No better place in the Commonwealth could have been selected for the school. And here, removed from the fads and extravagances of the times, the student in Union College can not fail to feel that restraining influence that comes of a sense of personal responsibility, and hence a laudable ambition to succeed. Here he learns habits of industry and economy. So, indeed, the opportunity which Union College affords should make a strong appeal to the parent or guardian contemplating placing a child or ward in school.

Its History

Union College had its origin in the minds of the citizens of Barbourville. They early recognized the need of a Christian institution of learning in their midst. But to turn the furrow one must have the plow. So in 1880, a joint stock company having been formed for the purpose and incorporated, a site secured, and a suitable building erected thereon and dedicated, Union College started on a career of usefulness which has blessed the community and justified the faith of its founders.

In 1886 the property was sold to the Kentucky Conference of the Methodist Episcopal Church. The institution was, from that time until his death, in January, 1897, under the administration of the Rev. Daniel Stevenson, D. D., an able and conscientious educator, a consecrated and devout Christian, a cultured and refined gentleman. His incumbency was a material, intellectual, and spiritual blessing to school and student, citizen and community. Upon the death of Dr. Stevenson, the Rev. James P. Faulkner, A. M., succeeded to the Presidency of the College. A wise and progressive leadership under his administration brought the

Normal Department

school on towards the accomplishment of its purposes and the realization of its high mission.

President Faulkner resigning to take up work in other fields, the Rev. James W. Easley, B. D., A. M., became his successor. And the latter having resigned, James D. Black, LL. D., became the fourth President of the College.

The immediate and active connection of Mr. Black with the institution began with the school year 1910-1911. He is a native of Knox County, Kentucky, and a citizen of Barbourville. He entered this new field of usefulness with the trustful aim and hope to bring to Union College, *with the help of its friends,* as much as may be of the realization of the promises of its beginning. And the school year just closed saw, under his management, the largest student enrollment in the history of the institution, and was, in every respect, a success.

The munificent bequest of the late Mrs. Fanny Speed, of Louisville, Kentucky, to the Board of Education has materially enlarged the scope of the school's usefulness and made possible for it a new life.

The fact that Union College is under the control of the Kentucky Conference of the Methodist Episcopal Church does not mean the school undertakes to teach any particular system of theology, or to inculcate sectarian doctrine. But the fact is a guaranty that the institution rests on a broad Christian foundation, provides a distinctly Christian education. And knowing that life's enrichment and service depend upon high moral qualities, a Christian culture is its goal. Its aim is to place around the student those helpful, lasting moral influences that stand for the best culture of young men and women and give the best promise of the happiness of the family and welfare of the community. Mere secular learning may not vouchsafe these, and an education which does not give emphasis to ethical principles and Christian aspiration and conduct, can, it may be, enlighten but may not ennoble. There is wisdom, then, we think, in that supervision of the school life which comes from religious sources.

The aim, then, of Union College is the development of life and formation of the genuine substantial character. It interprets

Group of Girls and Teachers of Fanny Speed Hall

the meaning of life and sets itself to the task of fitting young men and women for the manifold and responsible duties the age demands. It is patronized by, and receives support from, people of all denominations, mentioned above.

Its Aim

Life is a warfare. Then, shall we not be armed? In this warfare, education is the sword, character the protecting ægis. To vitalize the power of intellectual development; to impart religious instruction; to surround the student with refining influences; to appeal to the sense of right, the pride of manhood and womanhood; to enlarge the innate love of the Good, the True, and the Beautiful; to inculcate lofty moral and social ideals; to teach and form studious habits,—these are the functions of the College, and therein does it secure the harmonious development of the faculties and prepare for the largest usefulness in life.

But education is a *process,* however, rather than a fulfillment. An *acquiring,* rather than a completion. The school, then, can assist in the buckling on of the armor, but it may not make one fight. The well-poised school will teach *faith* in oneself, the value of self-reliance, the dignity and ennoblement with which honest effort requites the worker. This, Union College endeavors to accomplish. And if it can teach the sons and daughters of its patrons to be "of quick perceptions, broad sympathies, and wide affinities; responsive, but independent; self-reliant, but deferential; loving truth and candor, but also moderation and proportion; courageous, but gentle; not finished, but perfecting," its mission will not have been a failure. Its method proceeds on the thought that morality in the best sense can be taught only through the inculcation of high ideals constantly kept before the mind of the student. Appeal is made to pride of honor in the student.

Members of the Faculty will live in the dormitories, in close touch with the students, and ever ready to give any needed aid to the student.

Grounds, Buildings and Equipment

The Campus is the most beautiful plot in town. It contains several acres, and on it are the splendid buildings here mentioned:

ADMINISTRATION BUILDING.—This is a magnificent and spacious three-story building, constructed of brick and concrete, and trimmed with Tennessee marble. The building is steam-heated, and lighted by electricity, as are all the buildings on the Campus, and is scientifically ventilated to insure plenty of good fresh air. In it are the classrooms, the library, the President's office, the chapel, and laboratories. The classrooms are fifteen in number. Each is equipped with single desks and slate blackboards of ample size. From the President's office are speaking-tubes to each room, and also electrical connections, so that a modern program clock situated in the office rings automatically in each room the bells for the change of classes and other signals. The chapel is commodious and is seated with comfortable opera chairs. There are three laboratories—Chemical, Physical, and Biological. These are equipped throughout with modern apparatus and enable the student to do unusually thorough work in science.

FANNY SPEED HALL.—This is the home of young women. A three-story building of unique design. Has spacious halls and parlors. The rooms are elegantly furnished, and it is one of the most attractive school homes known.

As there is no kitchen or dining-room service in this building it is restfully quiet, and thus has every advantage for the study work of the student. This building is supplied with bathrooms, toilets, and heated by steam. A gas stove has been placed in one of the rear rooms of this building for the use of the lady students for clothes-pressing.

YOUNG MEN'S HALL.—It is a fine brick structure, three stories high. It has a large number of finished rooms, accommodating two students each. Nothing is lacking for convenience, comfort, or health. This is on the opposite side of the Campus from the Ladies' Hall, with the Administration Building between them.

The building is heated by steam. The furniture is equal to the best in use among boarding-schools. This building is fitted with toilet-rooms and ample baths with cold and hot water.

STEVENSON'S COTTAGE.—This building bears the name of the honored first President of Union College.

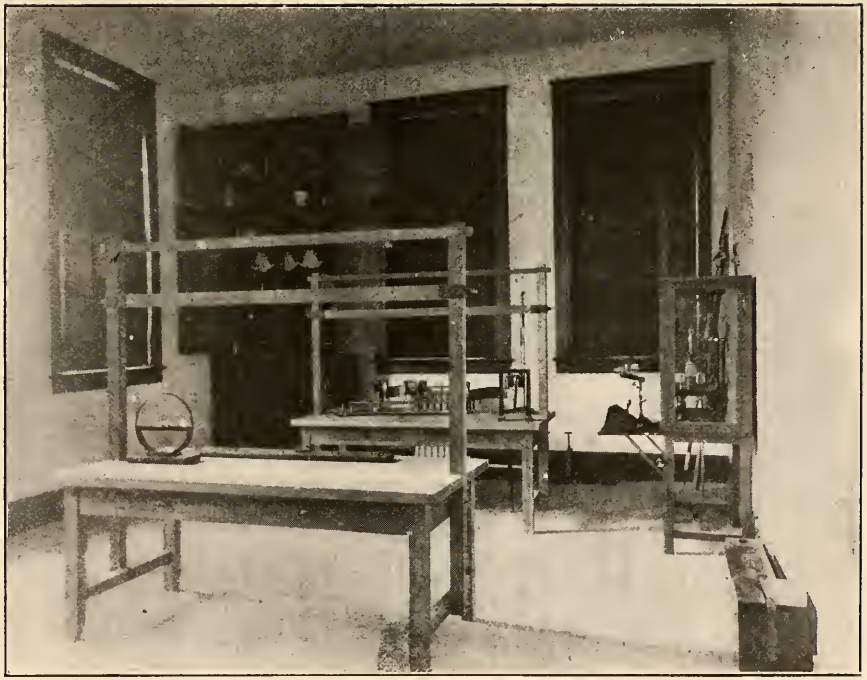
DINING-HALL.—One central dining-hall is made to render service for all students. The dining-hall will accommodate three hundred persons. The students are not isolated, but are part of a large family. The Faculty are together in the dining-hall. The food is ample and in reasonable variety. Nothing is so conducive to health as food of good quality properly prepared. The good health and appearance of students is a testimony to our boarding-hall. The institution has its own private bakery to insure wholesome bread.

HEAT, LIGHT, AND POWER PLANT.—This is situated at a safe distance from the other buildings and contains the boiler, engine, dynamo, and pumps. The location of this plant, together with the concrete and brick construction of the College buildings, places danger of fire as the remotest possibility. From this plant all the buildings are supplied with steam heat, electric lighting, and water. Its capacity and efficiency are such that the buildings may be kept at the most comfortable temperature even in the severest winter weather. In addition to lighting the buildings, this plant lights the Campus by means of large arc lights so located as to give it a beautiful appearance at night. Within this building are two drilled wells from which the buildings and Campus are supplied with water. The College has its own sewage system leading to the Cumberland River, thus insuring proper sanitary conditions.

So far as material equipment is concerned, these buildings place us in the front rank and make it desirable to become a patron of the school.

Social Life

Due consideration, under proper supervision of the Faculty, is given to the developing social nature of the young people. In-



Physics Laboratory

discriminate mixing of the sexes is not permitted, but occasional social gatherings by permission of the President, and then under the direction of the Preceptress, are held. These give the student the culture that is demanded to-day of educated men and women. Our ideal is the home life of a well-ordered Christian home.

Government

Proper control and guidance of a student body are of such great importance that too much attention can not be given to them. The principle is *self-control and self-direction.* The principle of developing the good is adopted. This produces the best results in character building. Those who are not amenable to rules of right living and do not respond to the appeals to a moral life, or who waste the time in idleness, will be asked to leave.

Dormitory life places the control of the student body at best advantage for easy direction in conduct as well as best direction in study. Co-operation from the homes of the students is a necessity. This is expected and earnestly solicited.

The dormitory student is required to keep his room and its contents in good condition. The room and contents are subject to inspection by the Faculty at any time.

A student who fails to make a passing grade in his work will be sent home or placed in a lower grade, within the discretion of the Faculty. If such failure shall be considered the result of a lack of application, the student may be sent home; if for a lack of ability, he shall be put in a lower grade.

Erratic course work is not allowed. Students must select and pursue a consistent course.

Church Attendance

Each student is expected to select one of the Churches of the town as a Church home, and is required to be in attendance at church during the Sabbath morning service. It is also expected that each student shall give attendance upon all religious services held under the direction of the College. The attendance at daily chapel service is required.

Y. W. C. A.

This organization is well supported and it is felt that the religious life of the young ladies is greatly enriched by its activities. A mission study class is maintained, and delegates are sent to the State Conferences.

College Band

The College owns a complete set of Conn band instruments, fourteen in number, and a number of students supply their own instruments. A good band is an important adjunct to the school. Much interest in this feature of the school has already been manifested. A small fee is charged the members for the use of the instruments.

Mandolin Club

This, too, is placed upon a permanent basis, as the College owns a set of nine mandolins and one mandola, for the use of the Club. This is for young ladies and is open to any young lady of the school until the instruments are all taken up.

College Glee Clubs

These are formed for both young men and women. Nothing is equal to the Glee Club work in initiating voice-training. This will be promoted in the school as a social feature and as a help in the development of life of the student body.

Athletic Association

This organization has charge of the games and field sports of the school. The mild climate, late and dry fall, and early spring make field sports a greater feature here than in many other localities. The Association has under its management baseball,

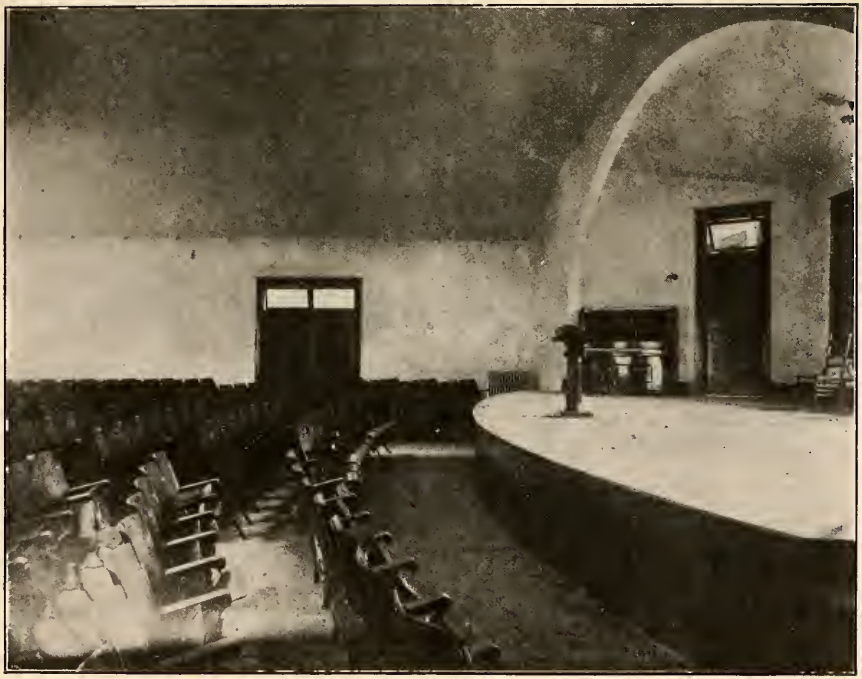
basket-ball, and tennis. In baseball both a first and second team are maintained. Both teams for the past season made splendid records. Basket-ball and lawn tennis are participated in by both the young men and young women on separate grounds. A class in physical culture will also be organized for the young ladies.

However, in order to engage in interscholastic games the student must keep his work satisfactory. To do this his grades must average at least seventy-five per cent, with no study below seventy. The athletics are maintained primarily for physical development and outdoor recreation, that study and mental work may be the more relished. The admission of young women to broader fields of activity make it necessary that their physical training be not neglected in their course of preparation.

Library and Reading-room

The Speed-Stevenson Library was established by Mrs. Fanny Speed, of Louisville, Kentucky, and Mrs. Stevenson, wife of the first President of Union College. The late Professor George H. Daines was a liberal contributor to it. A large number of books was contributed by Drew Theological Seminary, through the kindness of Rev. S. G. Ayers, Librarian. Numerous reference books for the various departments are added each year. The reading-room is supplied with many of the best secular and religious papers and American magazines. All students are thus able to keep themselves informed with respect to the daily news and to familiarize themselves with the best current literature.

The Honorable John H. Wilson, of Barbourville, Kentucky, generously donated to Union College, to be kept in its library at Barbourville, a large number of books. These books embrace a wide range of useful information and constitute a valuable addition to the library.



Chapel

Collegiate Department

(UNION COLLEGE.)

The Collegiate Department of Union College gives two years of College work, for which a diploma is issued. This course is offered for those who wish a further training than the Academic Course, but who do not feel that they can take a complete College Course leading to a degree. It is also intended for those who wish later to obtain a degree at some higher institution, and the course is carefully arranged so as to cover the Freshman and Sophomore years of College of standard grade. It is hoped, however, that we will soon be able to offer the complete course. Our aim throughout is to maintain a high degree of excellence in our work and to encourage a high standard of scholarship.

Two courses are offered, Classical and Scientific, as outlined below. The school year is divided into two semesters of equal length. The *semester hour* is one subject pursued one hour per week for one semester. *Sixty semester hours* are required for graduation.

Courses of Study

Classical

JUNIOR.

English, 3 hours.
Trigonometry and College Algebra, 3 hours; one semester each.
Latin, 3 hours.
History, 3 hours.
English Bible, 1 hour.
Civics and Economics, 2 hours.

SENIOR.

English, 3 hours.
Latin, 3 hours.
History, 3 hours.
Geology, 3 hours.
Electives, 3 hours.

Scientific

JUNIOR.

English, 3 hours.
Trigonometry and College Algebra, 3 hours; one semester each.
Chemistry, 5 hours.
German or French, 3 hours.
English Bible, 1 hour.

SENIOR.

English, 3 hours.
Analytic Geometry, 2 hours.
Geology, 5 hours.
German or French, 3 hours.
Electives, 2 hours.

Latin

PROFESSOR RICKETTS.

JUNIOR LATIN.—Three hours a week for the year. The following will be read in the order named: Livy, selections from various books; Cicero, De Senectute, and De Amicitia; Horace, Odes. This course is open only to those who have completed the four years of Preparatory Latin.

SENIOR LATIN.—Three hours a week for the year. The following texts will be read: Horace, Satires; Tacitus, Agricola; Plautus, Captivi, and Terence, Audria. This course is open only to those who have completed Freshman Latin.

Civics and Economics

PRESIDENT BLACK.

To the important subject, "Science of Government," the first half of the year is devoted. Text, *Bryce's American Commonwealth.* One volume. Revised edition. Library references will be required on topics upon which large treatment may be desired.

The subject of Economics is taught the second half of the year. The importance of this subject is emphasized by the industry and commerce of our age and the relation of capital and labor. Too much attention can not be given to this subject. Text, *Laughlin.*

English Bible

REV. F. W. HARROP.

The College Course in English Bible comprises a study in the Minor Prophets. The course runs one hour per week through the year, and is required of all Juniors.

English Language and Literature

MISS WEEKS.

JUNIOR YEAR.—Three hours a week. The work in Junior English will be based on two text-books; a college rhetoric and a collection of classical examples of the four forms of discourse. The aim of the course is to perfect, as far as possible, the skill of the student in the use of his own language, and to increase his appreciation of good literature. To this end, collateral text-books will be used, notebooks will be kept, outside reading required, and daily training given in oral and in written composition. Text-books to be chosen. Required of all Juniors.

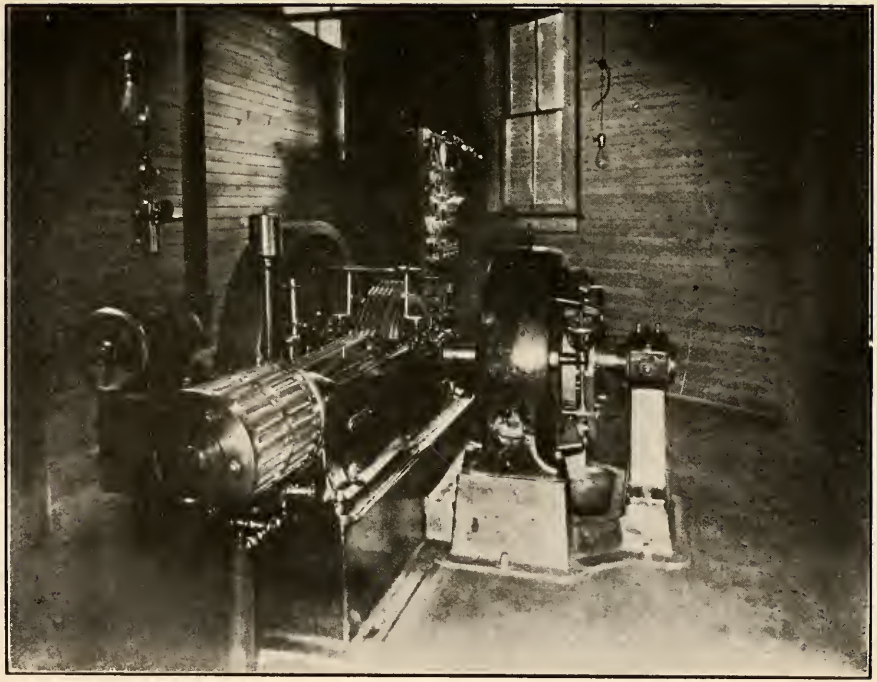
SENIOR YEAR.—Three hours a week. The history of English Literature is taken up in a philosophical way; at least half of the time will be given to the study of representative Literature in each period. Collateral reading is required, and frequent essays continue the drill in written expression and independent thinking. Texts to be chosen.

History

PROFESSOR RICKETTS.

MEDIÆVAL AND MODERN HISTORY.—Three hours a week for the year. Reference work and collateral reading will be required upon important topics. Text, *Myer's Mediæval and Modern History.*

ENGLISH HISTORY.—Three hours a week for the year. This course is open only to those who have completed Mediæval and Modern History. Text, *Gardiner's Students' History of England.*



College Power House

Mathematics

MISS MILWARD.

PLANE TRIGONOMETRY.—Three hours per week for first semester of Junior year. Text, *Wentworth's Plane Trigonometry.*

COLLEGE ALGEBRA.—Three hours per week for second semester of Junior year. Text, *Wentworth's College Algebra.*

ANALYTIC GEOMETRY.—Two hours per week throughout the year. This is required in the Senior year of the Scientific Course.

Modern Languages

MISS LENHARDT.

The work in German begun in the Academy is continued through the two years of the College Course, if the student so elects, or French may be begun in its place. The usual classics are read, and thorough drill is maintained in composition and in conversation.

Natural Sciences

PROFESSOR PORTS.

CHEMISTRY.—Five hours per week in the Junior year of the Scientific Course. This is a thorough course in General Chemistry, in which laboratory work takes an important place. We have a modernly equipped laboratory with running water and natural gas, as well as commodious acid-proof tables for students' use. The course comprises some fifty individual experiments, as well as numerous demonstrations by the instructor. The recitation work is based on *Brownlee's Chemistry,* but supplementary reading is required.

GEOLOGY (*Course A*).—Three hours per week during Senior year. This is mainly a text-book course in the subject, supplemented by a few demonstrations and by numerous stereopticon lectures. This course is required of all Seniors.

Room in Fanny Speed Hall
Girls' Basket Ball Field

Parlor Fanny Speed Hall
Corridor Fanny Speed Hall

(*Course B.*)—Two hours per week, alternating with Course A. The two courses should be taken together. Course B consists of laboratory and field work. The laboratory work consists of the study and identification of minerals and soils, the study of topographic maps, etc. The field work covers physiographic studies in our mountain region, which furnishes a very rich field for such work.

Academic Department

(UNION COLLEGE ACADEMY.)

In the Academy three courses are offered: Classical and Scientific Academic Courses, and College Preparatory. For the satisfactory completion of the Academic Courses a diploma is awarded; for the College Preparatory Course, a certificate of work done is issued. In the Academy a course of sixteen units is offered, all of which are accepted for College entrance requirements by the Association of Kentucky Colleges, by which Association our Academy has been placed in Class A of the accredited list. For the College Preparatory Course the student may select such studies as are required by the College he anticipates entering.

Courses of Study

Unless otherwise specified, subjects are five hours per week.

Classical Course

First Year.

English I.
Arithmetic and Algebra (one semester each).
Botany, 3 hours for a year.
Beginning Latin.
Bible, 1 hour per week.

Second Year.

English II.
Algebra completed.
Ancient History.
Cæsar.
Bible, 1 hour per week.

Third Year

English III.
Plane Geometry.
Greek or German, I.
Cicero.
Physiology (second semester).
Bible, 1 hour per week.

FOURTH YEAR.

English IV.
Solid Geometry and review of Algebra.
Physics.
Greek or German, II.
Vergil.
Bible, 1 hour per week.

Scientific Course

FIRST YEAR.

English I.
Arithmetic and Algebra (one semester each).
Botany, 3 hours per week for year.
Beginning Latin.
Bible, 1 hour per week.

SECOND YEAR.

English II.
Algebra completed.
Ancient History.
Cæsar.
Bible, 1 hour per week.

THIRD YEAR

English III.
Plane Geometry.
Zoölogy and Physiology (one semester each).
German I.
Bible, 1 hour per week.

FOURTH YEAR.

English IV.
Solid Geometry and review of Algebra.
Physics.
German II.
Physiography, 3 hours per week.
Bible, 1 hour per week.

Ancient Languages

The aim of this department is to thoroughly acquaint the student with the forms of inflection and the principles of syntax; to give him a full vocabulary and ease in translating; to make him conversant with the life and manners of the Greeks and Romans. Special attention is given to sight reading, prose composition, and idioms.

Latin

MISS LENHARDT.

BEGINNING LATIN.—Five hours a week for a year. Text, *Pearson's Essentials of Latin for Beginners.*

CÆSAR.—Five hours a week for a year. The first four books of Cæsar are read, and special attention is given to a review of the principles of Latin Grammar. Texts, *Bennett's Cæsar, Bennett's Latin Grammar,* and *Pearson's Prose Composition.*

CICERO.—Five hours a week for a year. Six orations of Cicero are read; the four against Cataline, Pro Archia, and Marcellus. Texts, *Bennett's Cicero, Bennett's Grammar,* and *Pearson's Prose Composition.*

VERGIL.—Five hours a week for a year. The first six books of the Æneid are studied. Especial attention is given to Prosody. Together with this, Mythology is studied Texts, *Bennett's Vergil* and *Grammar.*

Greek

FIRST YEAR GREEK.—Five hours a week for the year. The object of this course is the thorough mastery of the fundamentals of Greek syntax. Texts, *White's First Lessons* completed, and *Xenophon's Anabasis* begun.

SECOND YEAR GREEK.—Five hours a week for the year. In the study of Prose Composition, one period a week throughout the year, especial attention is given to a review of the principles of Greek syntax. Texts, *Xenophon's Anabasis,* books one to four, *Pearson's Prose Composition,* and *White's Grammar.*

English Bible

REV. F. W. HARROP.

The study of the English Bible will be given its proper place. A four years' graded course has been prepared, two years in the New Testament and two years in the Old Testament. The

study for this year will be in the historical books of the New Testament, covering the life of Christ, and including the study of such characters as are comprehended in the books studied. All students in the Academic Courses are required to take this study one hour per week. The work will be divided into four classes, according to grade. Maps and charts will be used in all classes.

English Language and Literature

MISS WEEKS.

The Department of English aims, first, to train its pupils to think clearly and independently; second, to speak and to write simple, clear, idiomatic English; third, to make the pupils acquainted with some of the masterpieces of English literature, and to train them to understand and to love good literature wherever found.

ENGLISH I.—Five periods a week. This course aims, first, to drill the student in the essentials of English construction, not in its technicalities; second, to give him much practice in applying the essential principles of English Grammar to the expression of his own thought and feeling. Composition work, and training in both oral and written expression is required throughout the year. In addition to their class work, the pupils are required to read selections from easy literature. Text-book, *Book II, Mother Tongue.*

ENGLISH II.—Five periods a week. English II reviews the constructions of the eight parts of speech; much time is devoted to syntax and synonyms. Compositions are required frequently; these are based on the required readings and the student's own experience. Six classics are studied during the year. *Hill's Beginnings of Rhetoric and Composition* is the text-book used.

ENGLISH III.—Five periods a week. In the beginning of this year's work Narration, Description, and Exposition are studied as a basis of composition work. Most of the time in this course

Primary and Intermediate Departments

is devoted to the study of the required classics, supplemented by the history of English Literature. *Halleck's History of English Literature* is the text-book used.

ENGLISH IV.—Five periods a week. Narration, Description, and Exposition are reviewed, and Argumentation with the Elements of Debate is thoroughly studied. The College Entrance Requirements for practice constitute the work in literature for this course. One term of collateral reading is required. Composition work, both oral and written, is required throughout the year.

History

PROFESSOR RICKETTS.

ANCIENT HISTORY.—Five periods a week for the year. Especial attention is given to Greek and Roman History. Reference work will be required upon important epochs and subjects. Text, *Morey's Outlines of Ancient History.*

AMERICAN HISTORY.—A class will be formed in American History should there be sufficient demand for the work. This course is entirely elective.

Mathematics

MISS MILWARD.

The aim of the courses in Mathematics is primarily mental discipline and development of accurate conception of space and form. It is the desire to make the student familiar with the principles that are applicable to practical questions, and to instill the spirit of original work.

ARITHMETIC.—First semester of first year. Text, *Milne's Standard Arithmetic.*

ALGEBRA (begun).—Second semester of first year. The four fundamental operations, factoring, fractions, simple and complex, simple equations, and simple simultaneous equations are covered, as well as the statement of problems by means of equations. Text, *Milne's Standard Algebra.*

ALGEBRA (completed).—Five hours a week for second year. This includes involution, evolution, theory of exponents, radicals, quadratic equations, and problems solvable by aid of quadratic equations, graphs, ratio and proportion, progressions, and binominal theorem. Text, *Milne's Standard Algebra.*

PLANE GEOMETRY.—Five hours per week through the third year. Much attention is given to the solution of original problems, in order to train the student in logical habits of thinking and to discourage the memorizing of propositions. Text, *Wentworth's Plane Geometry.*

SOLID GEOMETRY.—First semester of fourth year. Text, *Wentworth's Solid Geometry.*

REVIEW OF ALGEBRA.—Second semester of fourth year. Text, *Wentworth's Complete Algebra.*

German

MISS LENHARDT.

FIRST YEAR GERMAN.—Five hours per week for the year. Texts, *Spanhoofd's Lehrbuch der Deutschen Sprache, Bacon's Im Vaterland, and Storm's Immensee.*

SECOND YEAR GERMAN—Five hours a week for the year. Texts, *Pope's German Composition, Mosher's Willkommen in Deutschland, Schiller's Wilhelm Tell, Goethe's Hermann and Dorothea.* Other classics may be added or substituted to meet the needs of the class.

ADVANCED GERMAN.—Classics will be selected, and the work arranged to meet the demands of more advanced German students.

Natural Sciences

PROFESSOR PORTS.

The sciences are taught mainly on the laboratory basis. This is in line with modern teaching methods, and is made possible by our excellent laboratory equipment. The student is taught

habits of observation and of accurate thinking. The sciences are taught as explanations, on a scientific basis, of life and nature about the student; hence, field work is given a large place. Each course is somewhat evenly divided between recitation work and laboratory and field work. Two periods of laboratory work are the equivalent of one of recitation work.

BOTANY.—Three hours per week for the first year. This course consists of studies in elementary Botany, presented with special reference to the relation of the plant to its surroundings. Plants will be studied from this viewpoint during our botanical excursions. The development of the plant from the seed will be studied from actual observation in the laboratory. Flowering plants will be studied in the field and in the laboratory. The lower plant forms, such as bacteria, molds, algae, etc., receive due consideration. A splendid set of botanical lantern and microscope slides is used to supplement this course. Text-book, *Bergen's Botany*.

ZOÖLOGY.—Five hours per week for first semester of third year. Type animals, such as sea anemone, starfish, earthworm, crawfish, fish, frog, etc., are studied by laboratory dissection. Many subjects are illustrated by lantern slides. Theoretical questions are fully discussed. Birds and other animals are studied in their relation to agriculture. Collections of specimens, especially insects, are made and classified by the students. Text-book, *Davison's Practical Zoölogy*.

PHYSIOLOGY.—Five hours per week for second semester of third year. This is a course in human Physiology, Personal Hygiene, and Public Sanitation. Practical matters of health and prevention of disease receive special attention. The study of foods is given an important place in the course. An effort is made to impress the student with the necessity of hygienic living. Our excellent laboratory equipment in this branch adds to the interest and value of the course. It is required in all courses. *Blaisdell's Life and Health* is the text used. Supplementary reading in *Pyle's Personal Hygiene* is required.

Making an X-Ray Photograph
X-Ray Photograph of Human Hand

Physics Class at Work
X-Ray Photograph of Small Animals

WORK IN PHYSICS

PHYSICS.—Five hours per week through fourth year. The importance of the study of Physics, especially by the laboratory method, is now universally recognized. We take care of this course in a thorough manner. In our newly equipped laboratory apparatus is provided for about forty individual experiments, covering Mechanics, Light, Heat, Sound, Magnetism, and Electricity. Besides these individual experiments, many demonstrations are given by the instructor. The recitation work follows *Hoadley's Elements of Physics,* and the laboratory work follows the *National Physics Note Book.*

PHYSIOGRAPHY.—Three hours per week through the fourth year, Scientific Course. This is a laboratory and field course in the study of land forms, together with studies in weather conditions. The work follows mainly *Davis' Physical Geography Atlas.*

The Normal Department

PROFESSOR B. C. LEWIS.

This year the Normal Department will open in September and continue throughout the year. Professor Lewis will have charge of it, devoting to it all the time necessary to its efficiency.

The public schools of our State are making rapid strides forward. Every year more is required of the public school teacher. It is the purpose of this department to keep abreast of the times educationally and to prepare the teachers to do the most efficient work and to command the highest wages. Those not teaching may enter for normal work in the fall. Classes will then be organized in the common school branches. It is also desired to have classes in such professional subjects as the History and Science of Education and Psychology and Method.

At the opening in January classes will be organized in all the common branches, with the intention of continuing each class for the entire remainder of the school year. This will enable teachers and students to select and pursue the subjects in which they feel most deficient. Such instruction will be given in Psychology and Theory and Practice as will meet the needs of the teachers.

Many normal students often desire to take some higher work. For the benefit of them and others, new classes will be organized in beginning Latin and Algebra. Any desiring still higher work can find suitable classes to which they may easily adjust themselves. Literature and other work necessary to prepare for the examination for State Certificate will also be given.

The text-books in the common branches will mostly be those adopted by the State Board. For advanced work Milne's Standard Arithmetic will be used. The professional texts will be Seeley's History of Education and Roark's Psychology and Methods.

Primary and Intermediate Department

MISS SANDUSKY.

The aim, in restoring this department, is to furnish that thorough preparation necessary to enable younger students to enter the higher grades, starting them on the way to a completed career with the school. Unless under special circumstances, no student in this department will be allowed to take room in either dormitory, or admitted as a boarder at the Dining Hall.

Upper Row—Senior Class 1911
Lower Row—Junior Class 1911

Music

The courses of study here prescribed are for earnest students who want to attain real excellence; and as very many have in mind the work of teaching, their needs have been especially provided for. A careful study of the individual requirements and capabilities of each pupil is made, a thorough training in the fundamental principles of technique is given, and enthusiastic musicians as well as finished artists are developed.

The studies named indicate the range of difficulty belonging to the several grades, but it is obvious that lists of pieces sufficient to illustrate a wide range of musical literature can not here be given.

The time needed for the completion of each grade will average not less than one year. Often more time should be taken, especially if College studies are pursued at the same time.

A musical education should also comprise as much literary work as is now done in high schools, and a College Course is recommended to all who can attain it. Herein lies the advantage of studying music where art, literature, and science are blended. Here it is taught that music is the peer of any branch of human knowledge, but that no single line of study is sufficient for complete scholarship.

The following is an outline of the Course of Study for the

Pianoforte

Miss Lilleston.

First Grade.—After learning the notes, rests, etc., careful attention is given to development of the finger touch and of a round and full legato. Technical studies are given for muscular development. The first three major scales and first grade pieces will be studied until the pupil is ready to enter the Preparatory Class.

SECOND GRADE.—This consists of major scales and common chord arpeggios, hands separate, four notes to a beat, at the metronome rate of 80. Loeschhorn, Op. 65, books 2 and 3; Kohler, Op. 50; Sonatinas by Kuhlan, Dussak, and others. Pieces by Haydn, Schumann, Mozart, and modern composers.

THIRD GRADE.—Major scales, both hands together at the metronome rate of 92. Minor scales and common chord arpeggios. Duvenoy; Loeschhorn, Op. 66; selections from Heller, Op. 47; Sonatas of Mozart and Haydn; Fields' Nocturnes; Compositions by Gurlitt, Moskowski, Mendelssohn, and others.

FOURTH GRADE.—Major and minor scales, hands together, at metronome rate of 100; common chord arpeggios at the rate of 80. Czerny's Velocity Studies, Op. 299; Bach's Little Preludes, et Fugues; Selections from Heller, Op. 46 and 45; Mendelssohn's Songs Without Words; Sonatas by Mozart and Beethoven; Selections from Chopin, Schubert, Schumann, and modern composers.

FIFTH GRADE.—Major and minor scales, hands together, at metronome rate of 116; common chord arpeggios at rate of 100. Dominant and diminished sevenths at rate of 100; Cramer Etudes; Bach's Inventions; Octave Studies; Schubert's Impromptus; Chopin's Waltzes; Beethoven's Sonatas; Selections from Schumann, Weber, Grieg, MacDowell, and others.

SENIOR YEAR.—Pupils must play scales, major and minor, hands together, at metronome rate of 132; arpeggios of major and minor scale chord, dominant and diminished sevenths at rate of 116; major and minor scales in double thirds, chords, and octaves, hands separate, at metronome rate of 80. Clementi's Gradus ad Parnassus; Bach's Well-Tempered Clavichord; Selections from Handel's Suites; Bach's English and French Suites; Beethoven's Variations; Mendelssohn's Scherzos; Chopin's Polonaises and Nocturnes; Modern Composers. Students in this grade should practice at least three hours a day. Before completing the course in music, pupils must pass a credit-

able examination in Practical Harmony and Theory, and have at least one year in History of Music.

Recitals are given every third Wednesday evening, all students of the Music Department participating, at the discretion of their instructors.

The College Orchestra offers the advantage of the orchestra ensemble playing, and the Union College Glee Club and the Girls' Glee Club afford further training.

Voice Culture

In the study of voice culture careful attention is given to the following points: Correct breathing, position of the body, voice building, tone formation and placing, distinct articulation, and artistic interpretation of songs, classic, romantic, and modern, followed by selections from oratorio and opera. Instruction is given in sight singing and playing, ear training, harmony, analysis theoretical and harmonic, theory of music, and musical history.

Art

MISS SWEARINGEN.

The different branches of Art are taught. Freehand Drawing from objects, casts, life, out-door sketching, and study of perspective; Crayon, Pen and Ink; Pierced Brass; Stenciling. Study of Principles of Design and History of Art; Painting in Oils, Pastel, and Water Colors.

The aim in this department is to ground the pupil in the fundamental principles of Art, and to cultivate some of the high faculties of the mind as well. As to other benefits from a mastery of this course, it need only be said that a knowledge of drawing is now indispensable in many departments of mechanics, and that knowledge of both drawing and painting, besides being a profitable source of income, is also an infinite source of refined and refining pleasure and a means of making cheerful and attractive homes, otherwise gloomy and bare.

Base Ball Team

Elocution and Oratory

I. Elocution.—Training of the body and voice.

Two hours a week for a year.

Body poise and bearing; exercise in articulating; reading, with special reference to breathing and good use of the voice and clear, direct giving of the thought; reading at sight; recitations and impersonations.

II. Training of body and voice.

Open to students who have completed Course I or its equivalent.

Two hours a week for a year.

Voice culture; exercise for freedom of body, gesture, recitation from best authors; expression in reference to conversation, analysis of characters; reading scenes selected for memorizing and acting; two plays studied.

It is impossible to give a clear outline course of study for the year, as each student will be encouraged to develop his own personality in his reading and impersonating; care being taken not to allow the student to fall into conversationalities and mannerisms, so common among students of expression. During the course of the year a number of recitals will be given, in order that the student may apply the theory of the class-room.

Domestic Science

The introduction of this Department and the course of instruction therein in Union College are designed to meet the increasing demand for a more thorough knowledge of the relative nutritive value of the various foods in common use, and their proper composition, including elementary study of nutrition and dietaries, food constituents, processes and principles of cookery, preservation of food and food materials, planning kitchen appointments and equipment, sanitation, water supply, sewerage disposal, heating, ventilation and lighting, housekeeping, care of yards, etc.

But the Department is conditional, as to its maintenance, upon the patronage it receives.

Reasonable rates of tuition will be charged those who take lessons in this Department.

Honor Medals

Through the generosity of J. M. Robsion, Esq., of Barbourville, Ky., there is annually offered by him a gold medal to the young man student of Union College excelling in oratory.

Philip Lloyd Senters was the successful competitor for this medal in May, 1911.

The medal offered by Judge Dishman to the young lady excelling in oratory was awarded to Miss Anna Royston Griggs.

The one by Colonel Hughes in the Department of Mathematics, to Miss Pearl A. Bastin.

The one by Pitzer D. Black, Esq., in the Department of History, to Miss Naomi Tuttle.

All the contestants exhibited high order of intellect in the splendid efforts made by them.

Donation

Recognizing the great power for good in the Christian ministry, the Reverend Joshua S. Taylor, of Middleburg, Ky., did, on June 16, 1910, and consistent with his splendid life of service and usefulness, donate to Union College a small yet handsome sum, the interest on which to be devoted to the aid of men studying for the ministry in the Methodist Episcopal Church He has directed that the principal be invested, remain a permanent fund, and only that which it yields be used, and then as here stated. We have suggested that this gift be known and designated as "The Joshua S. Taylor Fund," indulging the fond hope that others, seeing the high purpose for which it is to be devoted, will augment it to the extent of making this fund capable of immense good.

Boys Playing Basket Ball

Special Information

Advice to Parents

1. It is of greatest importance that students be here on the first day of the term. On the morning of the second day classes are formed, and it is very important that the student begin with his class.

2. We urge parents to be cautious in the amount of spending money furnished the student. If in doubt concerning the amount, advice will be cheerfully given by us.

3. The young lady's attire should be neat and simple, not elaborate or expensive.

4. Young ladies are not permitted to receive attention from young men, except by written request of the parents addressed to the President. In all cases the administration reserves the privilege of final decision.

5. The student is under the rule of the school en route to and from the school.

6. No parent should undertake to grant to the student with us any permission which may interfere with the school duties of the student, but should concede to the administration the right of exclusive control while in school.

7. Parents are requested freely and fully to apprise some member of the Faculty, *in advance,* of the habits and temperament of the student, to the end that all may strive to subserve the best interests of the student. The parent is requested, in case there is felt to exist any cause for complaint, to make known the criticism *directly* to some member of the Faculty.

Withdrawals

All persons having entered will be considered as students till notice is given to the President. In case of withdrawal, a small

per cent will be added to the ordinary rate for board for the *part past* of the term.

In case of his sickness compelling the student to leave school in the first half of any term, that part of tuition and board then already paid in advance for time beyond the time of leaving will be returned.

The Dormitory will be open the day preceding the opening of the fall term.

Daily Schedule

The daily schedule from Tuesday till Saturday is as follows:

6.30	A. M.	Rising bell.
7.00	A. M.	Breakfast.
7.30— 8.00	A. M.	Arranging of rooms for day.
8.00—12.00	A. M.	Recitations.
12.00— 1.00	P. M.	Noon hour.
1.00— 3.00	P. M.	Recitations.
3.00— 6.00	P. M.	Recreation.
6.00	P. M.	Supper.
6.30— 7.00	P. M.	Social hour.
7.00— 9.30	P. M.	Study hour.
10.00	P. M.	Lights extinguished.

A study hall is provided, with attendance thereupon compulsory for all students between recitations, except those in the Collegiate Department. An instructor is present to preserve order and render such assistance with studies as is necessary. Those students who do not study properly or are not observant of regulations for study hour, from 7 to 9.30 P. M., will be required to attend the common study hall, presided over by a member of the Faculty.

Most of the rooms are intended for two occupants. If any rooms are unengaged at the opening of the fall term, they may be occupied by one person on payment of an extra sum.

Students are required to provide themselves with the following articles: *Pillow slips, sheets, pair of blankets, comfortable, white spread, towels, napkins, cover for bureau and washstand.*

The young men will provide for single beds. There are a few double beds for young ladies. Young ladies will also bring sash curtains forty-five inches in height.

Expenses

The expenses at Union College are, we think, without a parallel. With the advantages in the standard of work, in personnel and efficiency of Faculty, in facilities and general equipment, both in living and class-room work, the charges challenge one's credulity. Below is given an itemized statement of the expenses for the school year of thirty-six weeks.

Boarding Students

Tuition in Collegiate Department per year	$50 00
Tuition in Academic and College Preparatory Department, per year	30 00
Tuition in Normal Department, per year	18 00
Board, per year	72 00
Room rent, per year	5 00
Heat, per year	5 00
Light, per year	3 00
Total for Collegiate Department, per year	$135 00
Total for Academic and College Preparatory Department, per year	115 00
Total for Normal Department, per year	103 00

Day Students

Tuition in Collegiate Department, per year	$50 00
Tuition in Academic Department, per year	30 00
Tuition in Normal Department, per year	18 00

For the purpose of affording patrons easy terms of payment, the school year is divided into *three* terms of three months each. But the payment for each term must be made *in advance*.

Tambourine Drill | Recital of Class in Elocution | Mandolin Club Recital

STUDENT ENTERTAINMENTS

Students in Music, Art and Elocution

Piano, two lessons per week, for year	$36 00
Harmony, two lessons per week, for year	36 00
Violin or Mandolin, two lessons per week, for year	36 00
Voice, two lessons per week, for year	36 00
Use of piano for practice, one hour daily, for year	6 00
Mandolin Club fee, per year	1 50
Band fee, per year	3 00

Art and Elocution, same as piano.

Laboratory Fees

(Not included in the above totals.)

Physical Geography, Botany, and Physiology, each	$1 50
Zoölogy	2 00
Normal Physiology	1 00
Physics	6 00
Chemistry	6 00
Geology	3 00

Breakage, which is usually due to careless handling of apparatus, is charged extra.

Diplomas

For all departments	$5 00

Good board and lodging can be obtained in respectable families for $2.50 per week. Cottages and suitable rooms can usually be rented at reasonable rates, where groups of students may board themselves.

When as many as three students from the same family attend, a reduction of ten per cent will be made on their tuition.

Mandolin Club

Preparatory and Intermediate Department

Tuition in Primary, per month.....	$1 50
Tuition in Intermediate, per month.....	2 00

All fees are payable *in advance,* and students have *no privileges of the Institution until bills and fees are paid.* These are payable at the office of the President. All yearly charges are to be paid in *three* payments, *in advance.* The student is held responsible for any damage to his room or to other property.

Roll of Students, 1910-1911

Academic Department

Graduating Class, 1911

Ellen Bryan Clark.
Idah Mae Cole.
Anna Mae Creech.
Guy Leslie Dickinson.
Norma Bruce Elliott.
Nancye Lee Faulkner.
Anna Royston Griggs.
Charles Leroy Howes.
Lalla Rookh Johnson.
William Harrison Large.
Mary Dora Laughlin.

Department of Music.

Idah Mae Cole.
Norma Bruce Elliott.

Academic Department.

Albright, Anna Dee ..... Knox County, Ky.
Barner, Nellie Dale ..... Knox County, Ky.
Bastin, Pearle A. ..... Laurel County, Ky.
Bassett, W. Haswell ..... Knox County, Ky.
Ballinger, Anna ..... Knox County, Ky.
Ballinger, Lucy ..... Knox County, Ky.
Beatty, Earnest ..... Knox County, Ky.
Cole, Idah Mae ..... Knox County, Ky.
Cole, Ollie E. ..... Knox County, Ky.
Cole, Myrtle ..... Knox County, Ky.
Cole, Maude ..... Knox County, Ky.
Carrier, Mae ..... Harlan County, Ky.
Clark, Ellen Bryan ..... Knox County, Ky.
Creech, Anna Mae ..... Bell County, Ky.

Cottongim, Lewis .....Knox County, Ky.
Calvert, Alma .....Mason County, Ky.
Dickinson, Guy L. .....Knox County, Ky.
Decker, Ruth .....Knox County, Ky.
Decker, Elmer H. .....Knox County, Ky.
Elliott, Norma B. .....Lewis County, Ky.
Elliott, Mae .....Pike County, Ky.
Forester, Elma .....Harlan County, Ky.
Faulkner, Nancye Lee .....Knox County, Ky.
Faulkner, Lura M. ..... Knox County, Ky.
Faulkner, Robert .....Knox County, Ky.
Griggs, Anna Royston .....Madison County, Ky.
Hurst, Nannie Belle .....Tennessee.
Howes, Charles L. .....Harrison County, Ky.
Harrop, May .....Knox County, Ky.
Jesson, Louise .....Whitely County, Ky.
Johnson, Lallah R. .....Knox County, Ky.
Johnson, Olive .....Knox County, Ky.
Jarvis, Pearl .....Knox County, Ky.
Jarvis, Raleigh .....Knox County, Ky.
Jarvis, Walter M. .....Knox County, Ky.
Jackson, Glenne .....Laurel County, Ky.
Jarvis, Floyd .....Knox County, Ky.
Jones, Charles .....Knox County, Ky.
Keeton, Julia .....Boyle County, Ky.
Keeton, Mary D. .....Boyle County, Ky.
Lewis, Sam A. .....Knox County, Ky.
Lingle, R. R. .....Boyle County, Ky.
Laughlin, Mary D. .....Bracken County, Ky.
Large, W. H. .....Whitley County, Ky.
Mayhew, Earl .....Knox County, Ky.
Miller, Jessie .....Knox County, Ky.
Noe, Verna .....Harlan County, Ky.
Norris, Bertha .....Ohio.
Norris, Robert J. .....Ohio.
Nolin, Stephen C. .....Harlan County, Ky.

Nutting Party

Owens, Ethel ..... Knox County, Ky.
Pierce, Frank G. ..... Boyle County, Ky.
Pierce, W. C. ..... Boyle County, Ky.
Parker, Mary ..... Knox County, Ky.
Root, Nelle Dale ..... Knox County, Ky.
Simms, Algin T. ..... Lee County, Ky.
Stratton, Thelma ..... Knox County, Ky.
Scent, Edward ..... Knox County, Ky.
Sevier, John R. ..... Knox County, Ky.
Sawyer, Bessie ..... Knox County, Ky.
Senters, P. L. ..... Knox County, Ky.
Smith, Wiley ..... Knox County, Ky.
Tuttle, Naomi ..... Clark County, Ky.
Tuggle, Richard ..... Knox County, Ky.
Williams, Jennie E. ..... Virginia.
Williams, Arlie D. ..... Knox County, Ky.
Ward, Thelma ..... Harlan County, Ky.
Walton, Annie ..... Rockcastle County, Ky.
Young, John H. ..... Lincoln County, Ky.

Normal Department

Ball, Millard F. ..... Harlan County, Ky.
Beams, Myrtle ..... Knox County, Ky.
Berry, Mary A. ..... Knox County, Ky.
Bays, Robert ..... Knox County, Ky.
Black, Henry C. ..... Knox County, Ky.
Bays, Joel ..... Knox County, Ky.
Broughton, Woodard ..... Knox County, Ky.
Blackburn, Roxie ..... Harlan County, Ky.
Burnett, Morton ..... Laurel County, Ky.
Burnett, Dona ..... Laurel County, Ky.
Cannon, Aletha ..... Knox County, Ky.
Cole, Claude ..... Knox County, Ky.
Comley, Oscar ..... Jessamine County, Ky.
Campbell, W. F. ..... Knox County, Ky.
Campbell, Anderson ..... Knox County, Ky.

Cobb, Merritt ..... Jessamine County, Ky.
Dunbar, Ada ..... Lewis County, Ky.
Dunbar, Harlan B. ..... Lewis County, Ky.
Disney, Clarence ..... Knox County, Ky.
Detherage, G. B. ..... Knox County, Ky.
Forester, Captola ..... Harlan County, Ky.
Forester, John ..... Harlan County, Ky.
Foster, Richard ..... Madison County Ky.
Faulkner, Roscoe ..... Knox County, Ky.
Fore, Betha ..... Knox County, Ky.
Green, Sue Mae ..... Knox County, Ky.
Green, Rhoda ..... Knox County, Ky.
Gibson, Wealtha ..... Knox County, Ky.
Gibson, Walter ..... Knox County, Ky.
Gregory, Thomas ..... Knox County, Ky.
Gordon, J. M. ..... Garrard County, Ky.
Higgins, Dovie ..... Knox County Ky.
Higgins, Clark ..... Knox County, Ky.
Higgins, B. H. ..... Knox County, Ky.
Hershberg, Mark ..... Knox County, Ky.
Hampton, Simeon ..... Knox County, Ky.
Hensley, Bird ..... Harlan County, Ky.
Hopkins, Harvey ..... Knox County, Ky.
Hopkins, Fred ..... Bell County, Ky.
Herndon, Mollie ..... Knox County, Ky.
Hays, Mattie ..... Knox County, Ky.
Hays, Boyd ..... Knox County, Ky.
Hays, John ..... Knox County, Ky.
Humfleet, Eva ..... Knox County, Ky.
Ingram, Vesta ..... Bell County, Ky.
Jarvis, Edgar ..... Knox County, Ky.
Jarvis, S. T. ..... Knox County, Ky.
Jackson, Earnest ..... Knox County, Ky.
Jackson, Joseph ..... Knox County, Ky.
Jackson, Oscar ..... Knox County, Ky.
Jackson, Elva ..... Knox County, Ky.

Jackson, Ora .....Knox County, Ky.
Jones, S. A.....Knox County, Ky.
Jones, Cleopatra .....Knox County, Ky.
Jones, Frances .....Harlan County, Ky.
Jones, Nellie .....Knox County, Ky.
Jones, Nannie .....Knox County, Ky.
Kelley, Hortense .....Knox County, Ky.
Kelley, Mattie L. .....Harlan County, Ky.
King, George Arthur.....Knox County, Ky.
Kuns, Bertha .....Knox County, Ky.
Kuns, Ethel .....Knox County, Ky.
Knuckles, Amanda J.....Bell County, Ky.
Kinningham, Martha .....Knox County, Ky.
Lewis, Karl E.....Knox County, Ky.
Lockhart, Lutie .....Knox County, Ky.
Lambdin, Clell .....Knox County, Ky.
Lane, Thomas .....Knox County, Ky.
Logan, Nannie .....Knox County, Ky.
Logan, Cager .....Knox County, Ky.
Messer, Sallie .....Knox County, Ky.
Miller, Herbert .....Knox County, Ky.
Metcalf, Chester .....Garrard County, Ky.
Mitchell, Charles .....Knox County, Ky.
Mitchell, Dora .....Knox County, Ky.
Mitchell, Willa .....Knox County, Ky.
Moore, Martha .....Knox County, Ky.
Mills, Dicey .....Knox County, Ky.
McNeil, James M. .....Knox County, Ky.
McWilliams, W. R. .....Knox County, Ky.
Matthews, Mabel .....Knox County, Ky.
Matthews, James S. .....Knox County, Ky.
Needles, W. J.....Laurel County, Ky.
Owens, John A., Jr.....Knox County, Ky.
Partin, Siler .....Knox County, Ky.
Partin, Oscar .....Bell County, Ky.
Ross, Bradley .....Knox County, Ky.

Biological Laboratory

Rawlings, Lucy C. ..... Clay County, Ky.
Rice, Curry ..... Garrard County, Ky.
Riley, Chester ..... Knox County, Ky.
Rowland, Seymour ..... Knox County, Ky.
Ray, Maude ..... Knox County, Ky.
Stanberry, Myrtle ..... Knox County, Ky.
Steele, Gertrude ..... Knox County, Ky.
Steele, Gladys ..... Knox County, Ky.
Short, Kyle ..... Knox County, Ky.
Smith, Chester ..... Knox County, Ky.
Stacy, Otis ..... Knox County, Ky.
Stansbery, Albert ..... Knox County, Ky.
Slusher, Roy ..... Bell County, Ky.
Smith, Dewey ..... Knox County, Ky.
Smith, Sudie ..... Bell County, Ky.
Tye, Kager ..... Knox County, Ky.
Tye, Thomas ..... Knox County, Ky.
Trosper, James S. ..... Knox County, Ky.
Volentine, Clide ..... Knox County, Ky.
Williams, Lily ..... Knox County, Ky.
Williams, John B. ..... Knox County, Ky.
Walton, Rice ..... Rockcastle County, Ky.
Wood, Helen A. ..... Ohio.
York, Oscar ..... Bell County, Ky.

Primary and Intermediate Departments

Albright, Martha F. ..... Knox County, Ky.
Beddow, Robert ..... Knox County, Ky.
Bingham, Houston ..... Knox County, Ky.
Bain, Paul ..... Knox County, Ky.
Bingham, Tipton ..... Knox County, Ky.
Baker, Jesse L. ..... Knox County, Ky.
Cole, Roberta ..... Knox County, Ky.
Cole, Arthur D. ..... Knox County, Ky.
Cornett, Mary ..... Harlan County, Ky.
Catron, Edna ..... Knox County, Ky.

Catron, Effie ..... Knox County, Ky.
Cannon, Dona ..... Knox County, Ky.
Coyt, Emma M ..... Knox County, Ky.
Coyt, Ben J ..... Knox County, Ky.
Cottongim, Leonard ..... Knox County, Ky.
Cannon, Achsah ..... Knox County, Ky.
Carty, Millard F ..... Knox County, Ky.
Comley, Henry ..... Jessamine County, Ky.
Dishman, Will Ed ..... Knox County, Ky.
Decker, Sawyers ..... Knox County, Ky.
Faulkner, Elmer ..... Knox County, Ky.
Faulkner, Mary Helen ..... Knox County, Ky.
Fugate, Ethel ..... Knox County, Ky.
Fugate, Melvin ..... Knox County, Ky.
Farmer, Loretta ..... Knox County, Ky.
Farmer, Wilson ..... Knox County, Ky.
Green, Jessie ..... Knox County, Ky.
Green, Caleb ..... Knox County, Ky.
Hignite, Thomas B ..... Knox County, Ky.
Hughes, Lawrence ..... Knox County, Ky.
Hughes, Marie ..... Knox County, Ky.
Hughes, Will Clark ..... Knox County, Ky.
Herron, George ..... Knox County, Ky.
Hibbard, James D ..... Knox County, Ky.
Johnson, Gladys ..... Knox County, Ky.
Jarvis, May ..... Knox County, Ky.
Jones, Charles H ..... Knox County, Ky.
Kuns, Harold E ..... Knox County, Ky.
Knuckles, William ..... Bell County, Ky.
Lewis, Lenora Girdner ..... Knox County, Ky.
Lock, Katherine Kinnaird ..... Knox County, Ky.
Lyttle, Douglas ..... Clay County, Ky.
Lester, Otie ..... Knox County, Ky.
Lester, James M ..... Knox County, Ky.
McDermott, Mary ..... Knox County, Ky.
Mitchell, Herbert L ..... Knox County, Ky.

Mays, Leford .....Knox County, Ky.
Mills, Charles G.....Knox County, Ky.
Owens, Charles E.....Knox County, Ky.
Owens, Ruth .....Knox County, Ky.
Prewitt, Vergie .....Knox County, Ky.
Robsion, Daisy S.....Knox County, Ky.
Robsion, John M.....Knox County, Ky.
Sampson, Pauline .....Knox County, Ky.
Sampson, Emoline .....Knox County, Ky.
Sampson, Anna Maud .....Knox County, Ky.
Sampson, Mary Dowis .....Knox County, Ky.
Scent, Allory F. .....Knox County, Ky.
Scent, Blanche .....Knox County, Ky.
Scent, Caroline .....Knox County, Ky.
Stewart, Deronde .....Knox County, Ky.
Stewart, James .....Knox County, Ky.
Stansbery, James .....Knox County, Ky.
Smith, Anna Mae .....Knox County, Ky.
Tuggle, Allan Davis .....Knox County, Ky.
Tuggle, Kenneth .....Knox County, Ky.
Taggart, Truman .....Knox County, Ky.
Taggart, Lewis .....Knox County, Ky.
Tye, Jewel .....Knox County, Ky.
Tye, Drucilla .....Knox County, Ky.
Tye, Lillie Dale .....Knox County, Ky.
Tye, Bonnie D. .....Knox County, Ky.
Turner, Cleo .....Knox County, Ky.
Williams, Ollie Tye .....Knox County, Ky.
Williams, Lorena .....Knox County, Ky.
Williams, James .....Knox County, Ky.
Wilson, Jessie .....Knox County, Ky.
Wilson, Jesse .....Knox County, Ky.
Walker, Nora .....Knox County, Ky.
Walker, Ethel .....Knox County, Ky.
Wilson, Nicey Eunice .....Knox County, Ky.
Wilson, Roosevelt .....Knox County, Ky.

Department of Music

Ballinger, Marguerite .....Knox County, Ky
Blackburn, Roxie .....Harlan County, Ky.
Beams, Myrtle .....Knox County, Ky.
Bastin, Pearle A.....Laurel County, Ky.
Carrier, Mae .....Madison County, Ky.
Cole, Idah Mae .....Knox County, Ky.
Cole, Ollie D.....Knox County, Ky.
Cole, Maude .....Knox County, Ky.
Calvert, Alma .....Mason County, Ky.
Creech, Anna Mae .....Bell County, Ky.
Cornett, Mary .....Harlan County, Ky.
Cottongim, Lewis .....Knox County, Ky.
Decker, Jessie .....Knox County, Ky.
Decker, Ruth .....Knox County, Ky.
Dunbar, Ada May .....Lewis County, Ky.
Elliott, Norma B.....Lewis County, Ky.
Elliott, Mae .....Pike County, Ky.
Forester, Elma .....Harlan County, Ky.
Forester, Captola .....Harlan County, Ky.
Gibson, Mary .....Knox County, Ky.
Harrop, May .....Knox County, Ky.
Jones, Frances .....Harlan County, Ky.
Kelley, Hortense .....Knox County, Ky.
Kelley, Mattie L. .....Harlan County, Ky.
Lock, Katherine Kinnaird .....Knox County, Ky.
McDonald, Mrs. Vader C.....Knox County, Ky.
Noe, Vernie .....Harlan County, Ky.
Root, Nelle Dale .....Knox County, Ky.
Rawlings, Lucy C.....Clay County, Ky.
Stansbery, Mary .....Knox County, Ky.
Walton, Annie .....Rockcastle County, Ky.
Williams, Jennie E.....Virginia.
Wood, Helen A.....Ohio.

Department of Art

Albright, Lillie ..... Knox County, Ky.
Albright, Martha F. ..... Knox County, Ky.
Baker, Mrs. E. F. ..... Knox County, Ky.
Ballinger, Lucy ..... Knox County, Ky.
Cole, Myrtle ..... Knox County, Ky.
Cole, Roberta ..... Knox County, Ky.
Cornett, Mary ..... Harlan County, Ky.
Forester, Elma ..... Harlan County, Ky.
Faulkner, Margaret ..... Knox County, Ky.
Faulkner, Nellie ..... Knox County, Ky.
Faulkner, Mildred ..... Knox County, Ky.
Faulkner, Nancye Lee ..... Knox County, Ky.
Faulkner, Mrs. H. C. ..... Knox County, Ky.
Geary, Kathleen ..... Knox County, Ky.
Hatton, Mrs. H. L. ..... Knox County, Ky.
Hawn, Mrs. J. F. ..... Knox County, Ky.
Herron, George ..... Knox County, Ky.
Jones, Ethel ..... Knox County, Ky.
Jones, Nellie ..... Knox County, Ky.
Lewis, Lenore Girdner ..... Knox County, Ky.
Lewis, Karl E. ..... Knox County, Ky.
Lyttle, Bertha ..... Knox County, Ky.
Morris, Emma ..... Knox County, Ky.
Scent, Edward ..... Knox County, Ky.
Stanfill, Ruth ..... Knox County, Ky.
Shively, Lois ..... Knox County, Ky.
Swearingen, Eulah ..... Knox County, Ky.
Tuggle, Mrs. J. R. ..... Knox County, Ky.
Tuggle, Allen Davis ..... Knox County, Ky.
Tuggle, Kenneth ..... Knox County, Ky.
Williams, Mrs. Dan H. ..... Knox County, Ky.

Department of Oratory

Bastin, Pearle A.....Laurel County, Ky.
Ballinger, Amelia .....Knox County, Ky.
Calebs, John S.....Knox County, Ky.
Cole, Maude .....Knox County, Ky.
Cole, Myrtle .....Knox County, Ky.
Cole, Roberta .....Knox County, Ky.
Cornett, Mary .....Harlan County, Ky.
Decker, Ruth .....Knox County, Ky.
Dickinson, Guy L.....Knox County, Ky.
Elliott, Norma B.....Lewis County, Ky.
Elliott, Mae .....Pike County, Ky.
Griggs, Anna R.....Madison County, Ky.
Green, Caleb .....Knox County, Ky.
Hughes, Will Clark .....Knox County, Ky.
Lewis, Lenore Girdner .....Knox County, Ky.
McDermott, Mary .....Knox County, Ky.
McDonald, Mrs. V. C.....Knox County, Ky.
Root, Nelle Dale .....Knox County, Ky.
Robsion, Daisy .....Knox County, Ky.
Robsion, John M.....Knox County, Ky.
Sampson, Pauline .....Knox County, Ky.
Sampson, Emoline .....Knox County, Ky.
Scent, Allory .....Knox County, Ky.
Sevier, John R.....Knox County, Ky.
Smith, Anna Mae .....Knox County, Ky.
Tuggle, Allen Davis .....Knox County, Ky.
Tye, Jewel .....Knox County, Ky.
Tye, Drucilla .....Knox County, Ky.

Commercial Department

Africa, William .....Tennessee.
Ballard, Raymond .....Knox County, Ky.
Bolton, James .....Knox County, Ky.
Davidson, Nannie .....Lee County, Ky.

Decker, E. H.....Knox County, Ky.
Donahue, Peter R.....Tennessee.
Engle, M. F.....Knox County, Ky.
Faulkner, F. V.....Knox County, Ky.
Golden, Steven .....Knox County, Ky.
Jarvis, Raleigh .....Knox County, Ky.
Lawson, W. W.....Knox County, Ky.
McDonald, Maud .....Knox County, Ky.
Norris, Robert J.....Ohio.
Nolin, W. P.....Virginia.
Nelson, Jessie .....Knox County, Ky.
Pierce, Frank G.....Boyle County, Ky.
Ross, H. L.....Knox County, Ky.
Ross, Bradley .....Knox County, Ky.
Rowland, Margaret .....Knox County, Ky.
Sawyer, E. E., Jr.....Knox County, Ky.
Simms, Algin T.....Lee County, Ky.
Taylor, Hiram .....Knox County, Ky.
Vermillion, Everett .....Knox County, Ky.
Williams, G. E.....Knox County, Ky.
Watkins, Albert .....Casey County, Ky.

Summary

Academic Department	69
Normal Department	111
Intermediate Department	82
Department of Music	33
Art Department	31
Department of Oratory	28
Commercial Department	25
	379
Less those counted twice	73
Total	306

CATALOGUE

Union College

1912-1913

Barbourville, Kentucky

UNION
Buildings

LLEGE
d Grounds

Administration Building

CATALOGUE

UNION COLLEGE

1912-1913

Barbourville, Kentucky

Fanny Speed Hall. (Young Ladies' Dormitory)

Fanny Speed Hall. (Young Ladies' Dormitory)

1911
Group of Students, some members of Faculty and Board of Education

CALENDAR

1912

Tuesday—September 3, . . . School Opens.

Saturday—November 2, . . . First Quarter Ends.

Saturday—November 23, . . . Fall Term Ends.

Thursday—November 28, . . . Thanksgiving.

Friday—December 20, ... Holidays Begin (12:00 Noon).

1913

Tuesday—January 7, ... School Work Resumed.

Thursday—January 23, . . . First Quarter Ends.

Saturday—February 22, . . . Washington's Birthday, (Exercises in the Evening.)

Thursday—March 6, ... Winter Term Ends.

Thursday—March 27, ... Third Quarter Ends.

Thursday—May 29, ... Commencement.

Board of Control

Class No. 1—Rev. Bird Hughes, ...Germantown, Ky.
Mr. Joshua P. Shaw, ...Lexington, Ky.
Class No. 2—Hon. J. H. Tinsley,* .....Covington, Ky.
Rev. J. D. Walsh, D. D., ...Chattanooga, Tenn.
Class No. 3—Rev. Amon Boreing, D. D., ...Louisville, Ky.
Mr. Harold Means, ...Ashland, Ky.
Class No. 4—Rev. E. L. Shepard, ...Hardinsburg, Ky.
Mr. J. W. Henderson, ...Ashland, Ky.
Class No. 5—Rev. Thomas Hanford, D. D., ...Louisa, Ky.
Mr. A. M. Decker, ...Barbourville, Ky.
Class No. 6—Rev. Geo. W. Bunton, ...Covington, Ky.
Mr. C. B. Nordeman, ...Louisville, Ky.

Officers

Rev. Amon Boreing, ...*President*
Hon. J. H. Tinsley,* .....*Vice-President*
Mr. C. B. Nordeman, ...*Secretary*
Mr. J. W. Henderson, ...*Treasurer*

School Committee

Rev. J. D. Walsh, ...*Chairman*
Rev. G. W. Bunton, ...*Secretary*
Rev. Amon Boreing, Rev. Thomas Hanford,
Rev. E. L. Shepard.

Property Committee

Mr. C. B. Nordeman, ...*Chairman*
Mr. A. M. Decker, ...*Secretary*
Rev. Amon Boreing, Rev. Bird Hughes.

*Deceased.

Faculty

PERCY LEWIS PORTS, B. S., PRESIDENT.
Civics, Economics.

HARRY WILBUR RICKETTS, A. B.,
History and Latin.

ABIGAIL E. WEEKS, A. M.,
English Language and Literature.

FRANKLIN C. SCHWARTZ, A. B.,
Natural Sciences.

CHARLES L. BROWN, B. E.,
Mathematics.

English Bible.

HUGH MCCLELLAN OLDFIELD,
Principal Normal Department, German,
Director of Band.

Assistant in Normal Department.

ROBERTA ALLEN SANDUSKY,
Primary Department.

JESSIE DECKER, A. B.,
Intermediate Department.

MATTIE D. LILLESTON,
Piano, Theory, Harmony, and History of Music.

CHARLES L. ROWLAND,
Violin and Voice.
Director of Orchestra.

ANGELA MOREY,
Expression and Physical Culture.

EVA CATHERINE SWEARINGEN,
Art.

Hallie L. Walker
Domestic Science.

Preceptress.

Mrs. A. D. Smith,
Matron.

Mr. Alery D. Smith,
Superintendent of Buildings and Grounds.

Algin T. Simms,
Assistant in Physics and Shop Work.

Charles Leroy Howes,
Assistant in Chemistry and Biology.

Jennie Johnson,
Office Assistant.

Edward William Scent,
Assistant in Photography.

Officers of Administration

Percy L. Ports, ... *President*
Harry W. Ricketts, ... *Vice-President*
Charles L. Brown, ... *Secretary*
Miss Weeks, ... *Librarian*

Faculty Committees

Discipline

President Ports, Professor Ricketts, Professor Schwartz, Miss Weeks.

Religious Work

Professor Brown, Miss Weeks, Miss Decker.

Literary Societies

Professor Oldfield, Professor Ricketts, Miss Sandusky.

Curriculum

Professor Ricketts, Professor Brown.

Library

Miss Weeks, Professor Oldfield, Miss Morey, Professor Brown.

Student Loans

President Ports, Professor Schwartz, Professor Oldfield.

Public Entertainments

Professor Rowland, Professor Schwartz, Miss Lilleston, Miss Sandusky, Miss Morey, Miss Swearingen.

Athletics

Professor Brown, Professor Ricketts, Professor Schwartz.

Boys' Dormitory

UNION COLLEGE

Location

BARBOURVILLE, KENTUCKY, is the site of this institution, and is the county seat of Knox County. It is an incorporated city of about two thousand inhabitants and is situated on the Cumberland Valley Division of the Louisville & Nashville Railroad. It is an attractive and progressive town. It has many of the modern conveniences, such as natural gas, electric lights, waterworks, telephone exchange, good hotels, banks, stores, etc. Its citizenship is refined and law-abiding. In no place in the county is the sale of intoxicating liquors authorized by law. The moral tone of the town is high. The Baptists, Presbyterians, Christian, Methodist Episcopal South, and Methodist Episcopal have churches here. There are no temptations to lead the student away from his or her work; no allurements to vitiate or distract the mind; no empty, profitless amusements; no incentive to idleness or extravagance. The ideals of the people are elevating, their friendships warm, genuine, and abiding; their hospitalities cordial and gracious. They are interested in the school and the student. The artificial and the superficial are alien here.

Cumberland River, famed for the purity of its mountain waters and the unique and pleasing picturesqueness of its surrounding scenery, flows through the valley and skirts the town. Charm and beauty of hill and valley here commingle in plentiful and splendid profusion. The chaste and comforting influences of mountain and lowland are present to energize the manly and womanly thought and aspiration of the student. The freshness and freedom of the country life, the helpful influences of a cultured and progressive town, the close and enriching mingling

with these by the student, manifest the many advantages of this seat of learning. The nearby hills with their rich and ever-changing scenery, afford ample opportunity for pedestrian tours and excursions of scientific classes. The climate is mild. No better place in the Commonwealth could have been selected for the school. And here, removed from the fads and extravagances of the times, the student in Union College can not fail to feel that restraining influence that comes of a sense of personal responsibility, and hence a laudable ambition to succeed.

Here he learns habits of industry and economy. So, indeed the opportunity which Union College affords should make a strong appeal to the parent or guardian contemplating placing a child or ward in school.

History

Union College had its origin in the minds of the citizens of Barbourville. They early recognized the need of a Christian institution of learning in their midst. But to turn the furrow one must have the plow. So in 1880, a joint stock company having been formed for the purpose and incorporated, a site secured, and a suitable building erected thereon and dedicated, Union College started on a career of usefulness which has blessed the community and justified the faith of its founders.

In 1886 the property was sold to the Kentucky Conference of the Methodist Episcopal Church. The institution was, from that time until his death, in January 1897, under the administration of the Rev. Daniel Stevenson, D. D., an able and conscientious educator, a consecrated and devout Christian, a cultured and refined gentleman. His incumbency was a material, intellectual and spiritual blessing to school and student, citizen and community. Upon the death of Dr. Stevenson, the Rev. James P. Faulkner, A. M., a native of the county and a graduate of this school, succeeded to the Presidency of the College. A wise and progressive leadership under his administration brought the school on towards the accomplishment of its purposes and the realization of its high mission.

Mrs. Fanny Speed

During the administration of President Faulkner, the Board of Education came into possession of the legacy bequeathed by Mrs. Fanny Speed and from that time the expansion of the school became more marked. During this administration there were planned and begun Fanny Speed Hall and the Central Power and Heating Plant. They were not available for use however, until the beginning of the next administration, that of Rev. James W. Easley, B. D., A. M., whose term of office began in 1905. In spite of adversities, the school increased in equipment and influence during his administration. During the Summer of 1906 the Administration Building was struck by lightning and burned to the ground. One year later it was replaced by a much more commodious building and the Boys' Dormitory was added.

Upon the resignation of President Easley in 1910, Judge James D. Black, LL. D., of Barbourville, became the fourth President of Union College. Under his management the material, as well as the less tangible interests of the school, progressed with rapid strides. The two years of President Black's connection with the school will be remembered as years of solid growth.

Upon his retirement from the leadership of the school, its management was given into the hands of Percy L. Ports. Mr. Ports has been continuously in the service of Union College for seven years, having held the position of teacher of Natural Sciences for that period, and having been Vice-President for the past two years. He is a graduate of Ohio Wesleyan University. It is hoped that his intimate knowledge of the workings of the school and his broad educational training will fit him to carry the school on to greater and higher achievements.

The fact that Union College is under the control of the Kentucky Conference of the Methodist Episcopal Church does not mean that the school undertakes to teach any particular system of theology, or to inculcate sectarian doctrine. But the fact is a guaranty that the institution rests on a broad Christian foundation, thus providing a distinctly Christian education. Its aim is to place around the student those helpful, lasting moral influences that stand for the best culture of young men and women

Group of Girls and Teachers of Fanny Speed Hall

and give the best promise of the happiness of the family and welfare of the community. Mere secular learning may not vouchsafe these, and an education which does not give emphasis to ethical principles and Christian aspiration and conduct, can, it may be, enlighten but may not ennoble. There is wisdom, then, we think, in that supervision of the school life which comes from religious sources.

The aim, then, of Union College is the development of life and formation of the genuine substantial character. It interprets the meaning of life and sets itself to the task of fitting young men and women for the manifold and responsible duties the age demands. It is patronized by, and receives support from, people of all denominations.

Aim

Life is a warfare. Then, shall we not be armed? In this warfare, education is the sword, character the protecting ægis. To vitalize the power of intellectual development; to impart religious instruction; to surround the student with refining influences; to appeal to the sense of right, the pride of manhood and womanhood; to enlarge the innate love of the Good, the True, and the Beautiful; to inculcate lofty moral and social ideals; to teach and form studious habits,—these are the functions of the College, and therein does it secure the harmonious developments of the faculties and prepare for the largest usefulness in life.

But education is a process, however, rather than a fulfillment; an acquiring, rather than a completion. The school, then, can assist in the buckling on of the armor, but it may not make one fight. The well-poised school will teach faith in oneself, the value of self-reliance, the dignity and ennoblement with which honest effort requites the worker. This, Union College endeavors to accomplish. And if it can teach the sons and daughters of its patrons to be "of quick perceptions, broad sympathies, and wide affinities; responsive, but independent; self-reliant, but deferential; loving truth and candor, but also moderation and propor-

tion; courageous, but gentle; not finished, but perfecting,'' its mission will not have been a failure. Its method proceeds on the thought that morality in the best sense can be taught only through the inculcation of high ideals constantly kept before the mind of the student. Appeal is made to pride of honor in the student.

Grounds, Buildings and Equipment

The Campus is the most beautiful plot in town. It contains several acres, and on it are the splendid buildings here mentioned:

ADMINISTRATION BUILDING.—This is a magnificent and spacious three-story building, constructed of brick and concrete, and trimmed with Tennessee marble. The building is steam-heated, and lighted by electricity, as are all the buildings on the Campus, and is scientifically ventilated to insure plenty of good fresh air. In it are the classrooms, the library, the President's office, the chapel, and laboratories. The classrooms are fifteen in number. Each is equipped with single desks and slate blackboards of ample size. From the President's office are speaking-tubes to each room, and also electrical connections, so that a modern program clock situated in the office rings automatically in each room the bells for the change of classes and other signals. The chapel is commodious and is seated with comfortable opera chairs. There are three laboratories—Chemical, Physical, and Biological. These are equipped throughout with modern apparatus and enable the student to do unusually thorough work in science.

FANNY SPEED HALL.—This is the home of young women. It is a three story building of unique design. It has spacious halls and parlors, and the rooms are nicely furnished. The building is supplied with bathrooms, toilets, and with gas hot plates for students' use. A small monthly fee is charged for this latter convenience.

YOUNG MEN'S HALL.—This is a fine brick structure of colonial design, three stories high. It has a large number of rooms, accommodating two students each. Nothing is lacking for con-

venience, comfort, or health. This is on the opposite side of the Campus from Fanny Speed Hall. The furniture is equal to the best in use among boarding-schools. This building is fitted with toilet-rooms, and ample baths with cold and hot water.

STEVENSON'S COTTAGE.—This building bears the name of the honored first President of Union College. It is used as a dwelling and is occupied by the Superintendent of Buildings and Grounds.

DINING-HALL.—One central dining-hall is made to render service for all students. The dining-hall will accommodate three hundred persons. The students are not isolated, but are part of a large family. The most of the Faculty are together with the students in the dining-hall. The food is ample and of reasonable variety. Nothing is so necessary to good health as food of good quality properly prepared. The healthy appearance of our students is a testimony to our dining hall. The institution has its own private bakery to insure wholesome bread.

HEAT, LIGHT AND POWER PLANT.—This is situated at a safe distance from the other buildings and contains the boiler, engine, dynamo, and pumps. The location of this plant, together with the concrete and brick construction of the College buildings, places danger of fire as the remotest possibility. From this plant all the buildings are supplied with steam heat, electric lighting, and water. Its capacity and efficiency are such that the buildings may be kept at the most comfortable temperature even in the severest winter weather. In addition to lighting the buildings, this plant lights the Campus by means of large arc lights so located as to give it a beautiful appearance at night. Within this building are two drilled wells from which the buildings and Campus are supplied with water. The College has its own sewerage system leading to the Cumberland River, thus insuring proper sanitary conditions.

GYMNASIUM.—While Union College does not boast of a real gymnasium yet, a large building, not far from the Campus, has been rented and students will have the advantage of light gymnasium work with basket ball and other exercises.

Physics Laboratory

To sum up, the equipment of Union College is modern and complete. Convenience, sanitation and efficiency are secured, so that the student may always be at his best for school work.

Social Life

Due consideration, under proper supervision of the Faculty, is given to the developing social nature of the young people. Indiscriminate mixing of the sexes is not permitted, but frequent social gatherings by permission of the Faculty, and under the direction of the Preceptress, are held. These give the student the culture that is demanded to-day of educated men and women. Our ideal is the home life of a well-ordered Christian home.

Government

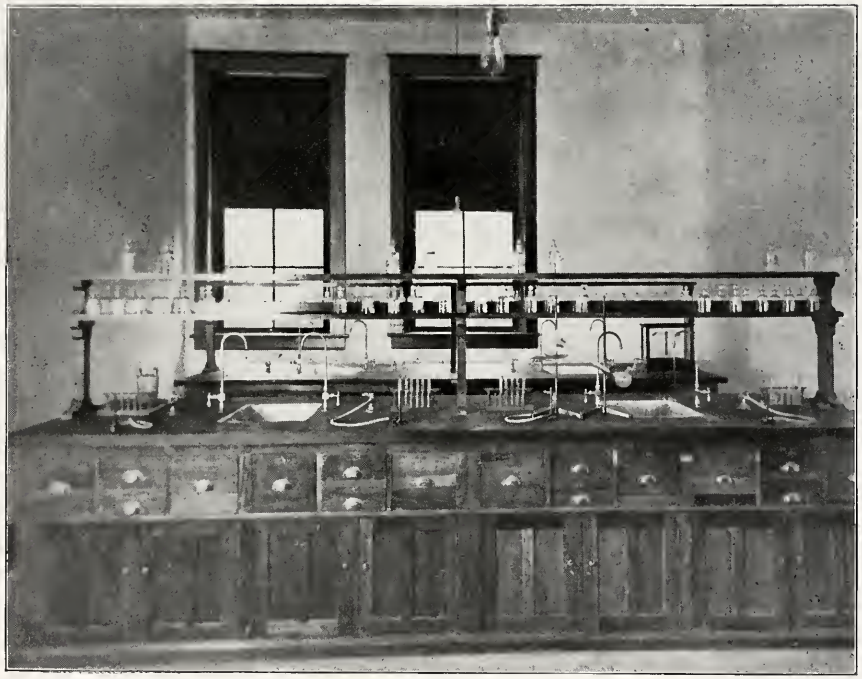
Proper control and guidance of a student body are of such great importance that too much attention can not be given to them. The principle is *self-control* and *self-direction*. The principle of developing the good is adopted. This produces the best results in character building. Those who are not amenable to rules of right living and do not respond to the appeals to a moral life, or who waste the time in idleness, will be asked to leave.

Dormitory-life places the control of the student body at best advantage for easy direction in conduct as well as best direction in study. Co-operation from the homes of the students is a necessity. This is expected, and earnestly solicited.

The dormitory student is required to keep his room and its contents in good condition. The room and contents are subject to inspection by the Faculty at any time.

A student who fails to make a passing grade in his work will be sent home or placed in a lower grade, within the discretion of the Faculty. If such failure shall be considered the result of a lack of application, the student may be sent home; if for a lack of ability, he shall be put in a lower grade.

Erratic course work is not allowed. Students must select and pursue a consistent course.



Chemical Laboratory

Church Attendance

Each student is expected to select one of the Churches of the town as a Church home, and is required to be in attendance at church during the Sabbath morning service. It is also expected that each student shall give attendance upon all religious services held under the direction of the College. The attendance at daily chapel service is required.

SCHOOL FEATURES

The Student Prayer-Meeting

For a short time each Wednesday evening the entire student body and members of the Faculty assemble in the College Chapel for prayer service. This service is led by a member of the Faculty. The students participate freely in it.

Lectures

Opportunity is frequently given for the treatment at length of topics by lectures. Members of the Faculty and professional men of the community, and frequently those from a distance, deliver addresses or lectures upon selected subjects.

Literary Societies

There are two of these: Philonikean, and the Fanny Speed, the latter for young women, the former for young men. The importance of these is great in the development of self-control and poise before an assembly. The art of debating, the habit of free discussion, and familiarity with parliamentary law are cultivated in the regular work. Public meetings and joint sessions are held, subject to the approval of the Faculty.

Y. M. C. A.

This organization has had a continuous growth and exerts a beneficial influence upon the life of the young men of the school. Sympathetic aid is given by members of the Faculty, besides frequent visits from officers of the State organization. Weekly devotional meetings are held. Bible and Mission Study Courses are pursued.

Y. W. C. A.

This organization is well supported and it is felt that the religious life of the young ladies is greatly enriched by its ac-

tivities. A Mission Study class is maintained, and delegates are sent to the State Conferences.

Athletic Association

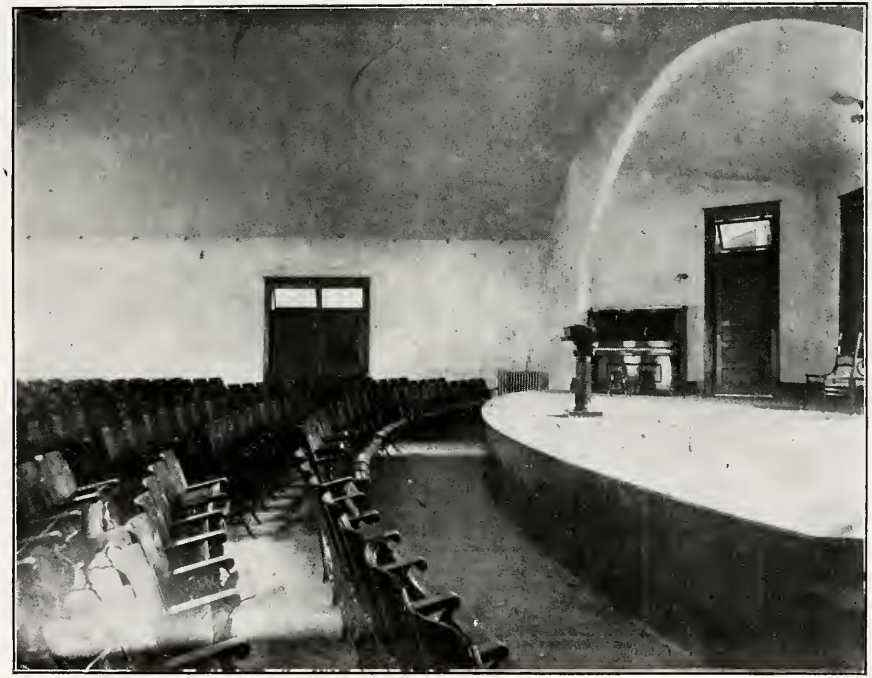
This organization has charge of the games and field sports of the school. The mild climate, late and dry falls, and early spring make field sports a greater feature here than in many other localities. The Association has under its management baseball, basketball, and tennis. In baseball both a first and second team are maintained. Basketball and lawn tennis are participated in by both the young men and young women on separate grounds.

In order to engage in interscholastic games the student must keep his work satisfactory. To do this his work must average at least seventy-five per cent, with no study below seventy. Athletics is maintained primarily for physical development and outdoor recreation, that study and mental work may be the more relished. The admission of young women to broader fields of activity make it necessary that their physical training be not neglected in their course of preparation.

Library and Reading Room

The Speed-Stevenson Library was established by Mrs. Fanny Speed, of Louisville, Kentucky, and Mrs. Stevenson, wife of the first President of Union College. The late Professor George H. Daines was a liberal contributor to it. A large number of books was contributed by Drew Theological Seminary, through the kindness of Rev. S. G. Ayers, Librarian. Numerous reference books for the various departments are added each year. The reading room is supplied with many of the best secular and religious papers and American magazines. All students are thus able to keep themselves informed with respect to the daily news and to familiarize themselves with the best current literature.

The Honorable John H. Wilson, of Barbourville, Kentucky, generously donated to Union College, to be kept in its library at Barbourville, a large number of books. These books embrace a



Chapel

wide range of useful information and constitute a valuable addition to the library.

A Conference Alcove has been founded and is maintained by the individuals of the Kentucky M. E. Conference. Its aim is to supply complete sets of the works of classic writers.

Donation

Recognizing the great power for good in the Christian ministry, the Reverend Joshua S. Taylor, of Middleburg, Ky., did, on June 16, 1910, and consistent with his splendid life of service and usefulness, donate to Union College a sum of money, the interest on which to be devoted to the aid of men studying for the ministry in the Methodist Episcopal Church. He has directed that the principal be invested, remain a permanent fund, and only that which it yields be used, and then as here stated. We have suggested that this gift be known and designated as "The Joshua S. Taylor Fund," indulging the fond hope that others, seeing the high purpose for which it is to be devoted, will augment it to the extent of making this fund capable of immense good.

COLLEGIATE DEPARTMENT

Union College

The Collegiate Department of Union College gives two years of College work, for which a Junior College Diploma is issued. This course is offered for those who wish a further training than the Academic Course, but who do not feel that they can take a complete College Course leading to a degree. It is also intended for those who wish later to obtain a degree at some higher institution, and the course is carefully arranged so as to cover the Freshman and Sophomore years of College of standard grade. It is hoped, however, that we will soon be able to offer the complete course. Our aim throughout is to maintain a high degree of excellence in our work and to encourage a high standard of scholarship.

Two courses are offered, Classical and Scientific, as outlined below. The school year is divided into two semesters of equal length. The *semester hour* is one subject pursued one hour per week for one semester. *Sixty semester hours* are required for graduation.

Courses of Study

Classical

Junior.

English, 3 hours.
Trigonometry and College Algebra, 3 hours; one semester each.
Latin, 3 hours.
History, 3 hours.
English Bible, 1 hour.
Civics and Economics, 2 hours; One semester each.

Senior.

English, 3 hours.
Latin, 3 hours.
History, 3 hours.
Geology, 3 hours.
Electives, 3 hours.

Scientific

JUNIOR.

English, 3 hours.
Trigonometry and College Algebra, 3 hours; one semester each.
Chemistry, 5 hours.
German, 3 hours.
English Bible, 1 hour.

SENIOR.

English, 3 hours.
Analytic Geometry, 2 hours.
Geology, 5 hours.
German, 3 hours.
Electives, 2 hours.

Latin

PROFESSOR RICKETTS.

JUNIOR LATIN.—Three hours a week for the year. The following will be read in the order named; Livy, selections from various books; Cicero, De Senectute, and De Amicitia; Horace, Odes. This course is open only to those who have completed the four years of Preparatory Latin.

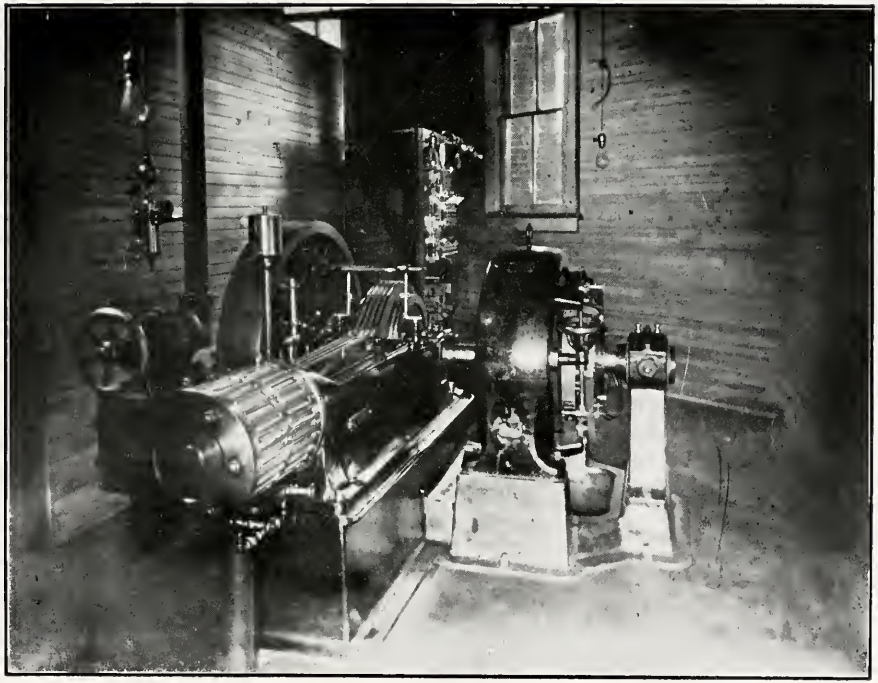
SENIOR LATIN.—Three hours a week for the year. The following texts will be read: Horace, Satires; Tacitus, Agricola; Plautus, Captivi, and Terence, Andria. This course is open only to those who have completed Freshman Latin.

Civics and Economics

PRESIDENT PORTS.

To this important subject, "Science of Government," the first half of the year is devoted. Text, *Bryce's American Commonwealth*, one volume,—revised edition. Library references will be required on topics upon which large treatment may be desired.

The subject of Economics is taught the second half of the year. The importance of this subject is emphasized by the industry and commerce of our age and the relation of capital and labor. Too much attention can not be given to this subject. Text, *Laughlin*.



College Power House

English Bible

PROFESSOR .....

The College Course in English Bible comprises a study in the Minor Prophets. The course runs one hour per week through the year, and is required of all Juniors. Individual work as an elective is offered as senior work, on assigned portions of the Bible.

English Language and Literature

MISS WEEKS.

JUNIOR YEAR.—Three hours a week. The work in Junior English will be based on two text-books; a college rhetoric and a collection of classical examples of the four forms of discourse. The aim of the course is to perfect, as far as possible, the skill of the student in the use of his own language, and to increase his appreciation of good literature. To this end, collateral text-books will be used, note-books will be kept, outside reading required, and daily training given in oral and in written composition. Text-books to be chosen. Required of all Juniors.

SENIOR YEAR.—Three hours a week. The history of English Literature is taken up in a philosophical way; at least half of the time is given to the study of representative Literature in each period. Collateral reading is required, and frequent essays continue the drill in written expression and independent thinking. Text to be chosen.

History

PROFESSOR RICKETTS.

MEDIÆVAL AND MODERN HISTORY.—Three hours a week for the year. Reference work and collateral reading will be required upon important topics. Text, *Myer's Mediaeval and Modern History.*

ENGLISH HISTORY.—Three hours a week for the year. This course is open only to those who have completed Mediæval and Modern History. Text, *Gardiner's Students' History of England.*

Room in Fanny Speed Hall
Girls' Basket Ball Field

Parlor, Fanny Speed Hall
Corridor, Fanny Speed Hall

Mathematics

PROFESSOR BROWN.

PLANE TRIGONOMETRY.—Three hours per week for first semester of Junior year. Text, *Wentworth's Plane Trigonometry.*

COLLEGE ALGEBRA.—Three hours per week for second semester of Junior year. Text, *Wentworth's College Algebra.*

ANALYTIC GEOMETRY.—Two hours per week throughout the year. This is required in the Senior year of the Scientific Course.

German

PROFESSOR OLDFIELD.

The work in German begun in the Academy is continued through the two years of the College Course, if the student so elects. The usual classics are read, and thorough drill is maintained in composition and in conversation.

Natural Sciences

PROFESSOR SCHWARTZ.

CHEMISTRY.—Five hours per week in the Junior year of the Scientific Course. This is a thorough course in General Chemistry, in which laboratory work takes an important place. We have a modernly equipped laboratory with running water and natural gas, as well as commodious acid-proof tables for students' use. The course comprises some fifty individual experiments, as well as numerous demonstrations by the instructor. The recitation work is based on *Brownlee's Chemistry*, but supplementary reading is required.

GEOLOGY (Course A).—Three hours per week during Senior year. This is mainly a text-book course in the subject, supplemented by demonstrations and by numerous stereopticon lectures. This course is required of all Seniors.

(Course B).—Two hours per week, alternating with Course A. The two courses should be taken together. Course B consists of laboratory and field work. The laboratory work consists of the study and identification of minerals and soils, the study of topographic maps, etc. The field work covers physiographic studies in our mountain region, which furnishes a very rich field for such work.

ACADEMIC DEPARTMENT

(Union College Academy)

In the Academy three courses are offered: Classical and Scientific Academic Courses, and College Preparatory. For the satisfactory completion of the Academic Courses a diploma is awarded; for the College Preparatory Course, a certificate of work done is issued. In the Academy a course of sixteen units is offered, all of which are accepted for College entrance requirements by the Association of Kentucky Colleges, by which Association our Academy has been placed in Class A of the accredited list. For the College Preparatory Course the student may select such studies as are required by the College he anticipates entering.

Courses of Study

(Unless otherwise specified, subjects are five hours per week)

Classical Course

First Year.

English I.
Arithmetic and Algebra (one semester each).
Botany, 3 hours for a year.
Beginning Latin.
Bible, 1 hour per week.

Second Year.

English II.
Algebra completed.
Ancient History.
Cæsar.
Bible, 1 hour per week.
Agriculture, 3 hours per week, (elective).

Third Year.

English III.
Plane Geometry.
German I.
Cicero.
Physiology (second semester).
Bible, 1 hour per week.

FOURTH YEAR.

English IV.
Solid Geometry and review of Algebra.
Physics.
German II.
Vergil.
Bible, 1 hour per week.

Scientific Course

FIRST YEAR.

English I.
Arithmetic and Algebra (one semester each).
Botany, 3 hours per week for year.
Beginning Latin.
Bible, 1 hour per week.

SECOND YEAR.

English II.
Algebra completed.
Ancient History.
Cæsar.
Bible, 1 hour per week.
Agriculture, 3 hours per week, (elective).

THIRD YEAR.

English III.
Plane Geometry.
Zoology and Physiology (one semester each).
German I.
Bible, 1 hour per week.

FOURTH YEAR.

English IV.
Solid Geometry and review of Algebra.
Physics.
German II.
Physiography, 3 hours per week.
Bible, 1 hour per week.

Latin

PROFESSOR RICKETTS.

BEGINNING LATIN.—Five hours a week for a year. Text, *Dooge's Latin for Beginners.*

CÆSAR.—Five hours a week for a year. The first four books of Cæsar are read, and special attention is given to a review of

the principles of Latin Grammar. Text, *Bennett's Caesar, Bennett's Latin Grammar*, and *Pearson's Prose Composition*.

CICERO.—Five hours a week for a year. Six orations of Cicero are read; the four against Cataline, Pro Archia, and Marcellus. Texts, *Bennett's Cicero, Bennett's Grammar*, and *Pearson's Prose Composition*.

VERGIL.—Five hours a week for a year. The first six books of the Æneid are studied. Special attention is given to Prosody. Together with this, Mythology is studied. Texts, *Bennett's Vergil* and *Grammar*.

English Bible

PROFESSOR .....

The study of the English Bible will be given its proper place. A four years' graded course has been prepared, two years in the New Testament and two years in the Old Testament. The study for this year will be, for the Freshmen, in the historical books of the New Testament, covering the life of Christ and including the study of such characters as are comprehended in the books studied. For the three higher grades, the study will be in the doctrinal books of the New Testament. The work will be divided into four classes, according to grade. Maps and charts will be used. Required of all Academic Students.

English Language and Literature

MISS WEEKS.

The Department of English aims, first, to train its pupils to think clearly and independently; second, to speak and write simple, clear, idiomatic English; third, to make the pupils acquainted with some of the masterpieces of English literature, and to train them to understand and to love good literature wherever found.

ENGLISH I.—Five periods a week. This course aims, first, to drill the student in the essentials of English construction, not in its technicalities; second, to give him much practice in applying

the essential principles of English Grammar to the expression of his own thought and feeling. Composition work, and training in both oral and written expression is required throughout the year. In addition to their class work, the pupils are required to read selections from easy literature. Text-book, *Book II, Mother Tongue.*

ENGLISH II.—Five periods a week. English II reviews the constructions of the eight parts of speech; much time is devoted to syntax and synonyms. Compositions are required frequently; these are based on the required readings and the student's own experience. Six classics are studied during the year. *Hill's Beginnings of Rhetoric and Composition* is the text-book used.

ENGLISH III.—Five periods a week. In the beginning of this year's work Narration, Description, and Exposition are studied as a basis of composition work. Most of the time in this course is devoted to the study of the required classics, supplemented by the history of English Literature. *Halleck's History of English Literature* is the text-book used.

ENGLISH IV.—Five periods a week. Narration, Description and Exposition are reviewed, and Argumentation with the Elements of Debate is thoroughly studied. The College Entrance Requirements for practice constitute the work in literature for this course. One term of collateral reading is required. Composition work, both oral and written is required throughout the year.

History

PROFESSOR RICKETTS.

ANCIENT HISTORY.—Five periods a week for the year. Special attention is given to Greek and Roman History. Reference work will be required upon important epochs and subjects. Text, *Myer's Ancient History.*

Mathematics

PROFESSOR BROWN.

The aim of the courses in Mathematics is primarily mental discipline and development of accurate conception of space and

Normal Department

form. It is the desire to make the student familiar with the principles that are applicable to practical questions, and to instil the spirit of original work.

ARITHMETIC.—First semester of first year. Text, *Milne's Standard Arithmetic.*

ALGEBRA (begun).—Second semester of first year. The four fundamental operations, factoring, fractions, simple and complex, simple equations, and simple simultaneous equations are covered, as well as the statement of problems by means of equations. Text, *Milne's Standard Algebra.*

ALGEBRA (completed).—Five hours a week for second year. This includes involution, evolution, theory of exponents, radicals, quadratic equations, and problems solvable by aid of quadratic equations, graphs, ratio and proportion, progressions, and binomial theorem. Text, *Milne's Standard Algebra.*

PLANE GEOMETRY.—Five hours per week through the third year. Much attention is given to the solution of original problems, in order to train the student in logical habits of thinking and to discourage the memorizing of propositions. Text, *Wentworth's Plane Geometry.*

SOLID GEOMETRY.—First semester of fourth year. Elective. Text, *Wentworth's Solid Geometry.*

REVIEW OF ALGEBRA.—Second semester of fourth year. Elective. Text, *Wentworth's Complete Algebra.*

German

PROFESSOR OLDFIELD.

FIRST YEAR GERMAN.—Five hours per week for the year. Texts, *Spanhoofd's Lehrbuch der Deutschen Sprache, Bacon's Im Vaterland.* and *Storm's Immensee.*

SECOND YEAR GERMAN.—Five hours a week for the year. Texts, *Pope's German Composition, Mosher's Willkommen in Deutschland, Schiller's Wilhelm Tell, Goethe's Hermann und Dorothea.* Other classics may be added or substituted to meet the needs of the class.

ADVANCED GERMAN.—Classics will be selected, and the work arranged to meet the demands of more advanced German students.

Natural Sciences

PROFESSOR SCHWARTZ.

The sciences are taught mainly on the laboratory basis. This is in line with modern teaching methods, and is made possible by our excellent laboratory equipment. The student is taught habits of observation and of accurate thinking. The sciences are taught as explanations, on a scientific basis, of life and nature about the student; hence, field work is given a large place. Each course is somewhat evenly divided between recitation work and laboratory and field work. Two periods of laboratory work are the equivalent of one of recitation work.

BOTANY.—Three hours per week for the first year. This course consists of studies in elementary Botany, presented with special reference to the relation of the plant to its surroundings. Plants will be studied from this viewpoint during our botanical excursions. The development of the plant from the seed will be studied in the field and in the laboratory. The lower plant forms, such as bacteria, molds, algæ, etc., receive due consideration. A splendid set of botanical lantern and microscope slides is used to supplement this course. Text-book, *Andrew's Practical Botany.*

AGRICULTURE.—Three hours per week for a year. The need of the study of Agriculture is just beginning to be recognized. The primary object in such a study is not to make farmers, but to bring the schools in touch with the home life, the daily life of the community. It is a most excellent mental as well as practical training; the student studies the things which come within his experience—the things with which, and by which he lives.

The course will include the study of the improvement of plants and animals, the propagation of plants, plant foods, composition and drainage of soils, soil fertility, farm crops, enemies of farm crops, systems of cropping feeds and feeding, domestic animals, dairying, the disease of plants, farm management, etc. This will be supplemented by numerous experiments. The theo-

retical will be made practicable by observation and verification in the field and the laboratory. Text, *Warren's Elements of Agriculture.*

ZOOLOGY.—Five hours per week for first semester of third year. Type animals, such as sea anemone, starfish, earthworm, crawfish, fish, frog, etc., are studied by laboratory dissection. Many subjects are illustrated by lantern slides. Theoretical questions are fully discussed. Birds and other animals are studied in their relation to agriculture. Collections of specimens, especially insects, are made and classified by the students. Text-book, *Davison's Practical Zoology.*

PHYSIOLOGY.—Five hours per week for second semester of third year. This is a course in human Physiology, Personal Hygiene, and Public Sanitation. Practical matters of health and prevention of disease receive an important place in the course. An effort is made to impress the student with the necessity of hygienic living. Our excellent laboratory equipment in this branch adds to the interest and value of the course. It is required in all courses. *Blaisdell's Life and Health* is the text used. Supplementary reading in *Pyle's Personal Hygiene* is required.

PHYSICS.—Five hours per week through fourth year. The importance of the study of Physics, especially by the laboratory method, is now universally recognized. We take care of this course in a thorough manner. In our newly equipped laboratory, apparatus is provided for about forty individual experiments, covering Mechanics, Light, Heat, Sound, Magnetism, and Electricity. Besides these individual experiments, many demonstrations are given by the instructor. The recitation work follows *Hoadley's Elements of Physics*, and the laboratory work follows the *National Physics Note Book.*

PHYSIOGRAPHY.—Three hours per week through the fourth year, Scientific Course. This is a laboratory and field course in the study of land forms, together with studies in weather conditions. The work follows mainly *Davis's Physical Geography Atlas.*

Making an X-Ray Photograph
X-Ray Photograph of Human Hand

Physics Class at Work
X-Ray Photograph of Small Animals

WORK IN PHYSICS

THE NORMAL DEPARTMENT

PROFESSOR OLDFIELD.

The public schools of our State are making rapid strides forward. Every year more is required of the public school teacher. It is the purpose of this department to keep abreast of the times educationally and to prepare the teachers to do the most efficient work and to command the highest wages. Those not teaching may enter for normal work in the fall. Classes will then be organized in the common school branches.

At the opening in January classes will be organized in all the common branches, with the intention of continuing each class for the entire remainder of the school year. This will enable teachers and students to select and pursue the subjects in which they feel most deficient. Such instruction will be given in Psychology and Theory and Practice as will meet the needs of the teachers.

Many normal students often desire to take some higher work. For the benefit of these and others, new classes will be organized in beginning Latin and Algebra. Any desiring still higher work can find suitable classes to which they can easily adjust themselves. Literature and other work necessary to prepare for the examination for State Certificate will also be given.

The text-books in the common branches will mostly be those adopted by the State Board. For advanced work Milne's Standard Arithmetic will be used. The professional texts will be Seeley's History of Education and and Roark's Psychology and Methods.

GRADE WORK

This department undergoes reorganization this year with the idea of adding to its efficiency. One more teacher has been added and a new system of grading has been adopted. Students will have to pass creditably in the work of the Eighth Grade before

they will be permitted to enter the Academic Department. Graduating exercises will be held and diplomas will be awarded upon the completion of this grade. The courses of study are those outlined by the State Department of Education and are uniform with those of our best schools. Below are given the names of the teachers and their work.

PROFESSOR OLDFIELD, Grammar Room, (Seventh and Eighth Grades).

MISS DECKER, Intermediate Room, (Fourth, Fifth and Sixth Grades).

MISS SANDUSKY, Primary Room, (First, Second and Third Grades).

Domestic Science

MISS WALKER.

This department was organized too late to receive a complete description in the catalogue. This announcement, however, can be made, that complete equipment has been provided and a thorough course, under a competent instructor, will be given. The fees for the course will be moderate.

No word need be added concerning the importance of this work. Scientific home-making is no longer an experiment. It is a demonstrated fact that the management of the home needs the same expert consideration that the management of a business requires. This course is designed to meet this need.

DEPARTMENT OF MUSIC

The demand for more and better music increases year by year. To-day it is not only sought for in refined and cultured circles, but it is demanded in all forms of church and school work, and no student's education is complete without some knowledge of music.

The courses of study here prescribed are for earnest students who want to attain real excellence; and as very many have in mind the work of teaching, their needs have been especially provided for. A careful study of the individual requirements and capabilities of each pupil is made, a thorough training in the fundamental principles of technique is given, and enthusiastic musicians as well as finished artists are developed.

The studies named indicate the range of difficulty belonging to the several grades, but it is obvious that lists of pieces sufficient to illustrate a wide range of musical literature can not here be given.

The time needed for the completion of each grade will average not less than one year. Often more time should be taken, especially if College studies are pursued at the same time.

A musical education should also comprise as much literary work as is now done in high schools, and a College Course is recommended to all who can attain it. Herein lies the advantage of studying music where art, literature, and science are blended. Here it is taught that music is the peer of any branch of human knowledge, but that no single line of study is sufficient for complete scholarship.

The following is an outline of the Course of Study for the

Pianoforte

MISS LILLESTON.

FIRST GRADE.—After learning the notes, rests, etc., careful attention is given to development of the finger touch and of a round and full legato. Technical studies are given for muscular

Tambourine Drill Recital of Class in Elocution Mandolin Club Recital

STUDENT ENTERTAINMENTS

development. The first three major scales and first grade pieces will be studied until the pupil is ready to enter the Preparatory Class.

SECOND GRADE.—This consists of major scales and common chord arpeggios, hands, separate, four notes to a beat, at the metronome rate of 80. Loeschhorn, Op. 65, books 2 and 3; Kohler, Op. 50; Sonatinas by Kuhlan, Dussak, and others. Pieces by Haydn, Schumann, Mozart, and modern composers.

THIRD GRADE.—Major scales, both hands together at the metronome rate of 92. Minor scales and common chord arpeggios. Duvenoy; Loeschhorn, Op. 66, selections from Heller, Op. 47; Sonatas of Mozart and Haydn; Fields' Nocturnes; Compositions by Gurlitt, Moskowski, Mendelssohn, and others.

FOURTH GRADE.—Major and minor scales, hands together, at metronome rate of 100; common chord arpeggios at the rate of 80. Czerny's Velocity Studies, Op. 299; Bach's Little Preludes, et Fugues; Selections from Heller, Op. 46 and 45; Mendelssohn's Songs Without Words; Sonatas by Mozart and Beethoven; Selections from Chopin, Schubert, Schumann, and modern composers.

FIFTH GRADE.—Major and minor scales, hands together, at metronome rate of 116; common chord arpeggios at rate of 100. Dominant and diminished sevenths at rate of 100. Cramer Etudes; Bach's Inventions; Octave Studies; Schubert's Impromptus; Chopin's Waltzes; Beethoven's Sonatas; Selections from Schumann, Weber, Grieg, MacDowell, and others.

SENIOR YEAR.—Pupils must play scales, major and minor, hands together, at metronome rate of 132; arpeggios of major and minor scale chord, dominant and diminished sevenths at rate of 116; major and minor scales in double thirds, chords, and octaves, hands separate, at metronome rate of 80. Clementi's Gradus al Parnassus; Bach's Well-Tempered Clavichord; Selections from Handel's Suites; Bach's English and French Suites; Beethoven's Variations; Mendelssohn's Scherzos; Chopin's Polonaises and Nocturnes; Modern Composers. Students in this grade should practise at least three hours a day. Before com-

Mandolin Club

pleting the course in music, pupils must pass a creditable examination in Practical Harmony and Theory, and have at least one year in History of Music.

Recitals are given each quarter, all students of the Music Department participating, at the discretion of their instructors.

Voice

PROFESSOR ROWLAND.

Without proper training it is impossible to get the best results from any form of song whatever. Pure tone, proper shading, resonance, tone color, etc., remain forever a sealed book to the untrained vocalist. It is often the case that ability merely to get through some of our common grades of song is lacking entirely. The object sought in voice training is to build up the voice, and establish a better style and a taste for purer music.

In the study of voice culture careful attention is given to the following points: correct breathing, position of the body, voice building, tone formation and placing, distinct articulation, and artistic interpretation of songs, classic, romantic, and modern, followed by selections from oratorio and opera. Instruction is given in sight singing and playing, ear training, harmony, analysis theoretical and harmonic, theory of music and musical history.

Sight Singing and Chorus Work

PROFESSOR ROWLAND.

Many students do not have the opportunity to study in the regular Music Course, yet desire the ability to sing intelligently in chorus. These classes meet this demand. After sufficient theoretical knowledge has been gained, the classes study part songs, anthems, and cantatas.

Violin

PROFESSOR ROWLAND.

The study of the violin is carefully graded. The work is of the same high standard as that of Piano or Voice. An orchestra will be maintained in which the student will have the opportunity of studying ensemble playing to supplement his individual work.

MUSICAL ORGANIZATIONS

Orchestra

PROFESSOR ROWLAND.

This organization is maintained for the training that it gives the students in music, and for the pleasure that such an organization gives to the school and its patrons. An orchestra is always in demand to add to the delight of an evening's program. The college owns a few of the foundation instruments for this organization.

College Chorus

PROFESSOR ROWLAND.

This is the organized class in Chorus Work, and should prove a helpful and delightful addition to the musical features of the school.

Band

PROFESSOR OLDFIELD.

A good band is well recognized as an important adjunct to a school. Believing this, the school purchased a complete set of Conn Band Instruments, fourteen in number. This assures the permanency of the organization.

Mandolin Club

PROFESSOR ROWLAND.

This, too, is placed upon a permanent basis, as the College owns a set of nine mandolins and one mandola, for the use of the Club. This organization is for young ladies and is open to any young lady of the school until the instruments are all taken up.

DEPARTMENT OF EXPRESSION

MISS MOREY.

I. ELOCUTION.—Training of the body and voice.

Two hours a week for a year.

Body poise and bearing; exercise in articulating; reading, with special reference to breathing and good use of the voice and clear, direct giving of the thought; reading at sight; recitations and impersonations.

II. Training of body and voice.

Open to students who have completed Course I or its equivalent.

Two hours a week for a year.

Voice culture; exercise for freedom of body, gesture, recitation from best authors; expression in reference to conversation, analysis of characters; reading scenes selected for memorizing and acting; two plays studied.

It is impossible to give a clear outline course of study for the year, as each student will be encouraged to develop his own personality in his reading and impersonating; care being taken not to allow the student to fall into conversationalities and mannerisms, so common among students of expression. During the course of the year a number of recitals will be given, in order that the student may apply the theory of the class-room.

Honor Medal

Through the generosity of J. M. Robsion, Esq., of Barbourville, Ky., there is annually offered by him a gold medal to the student of Union College excelling in oratory.

ART

MISS SWEARINGEN.

The different branches of Art are taught:

Freehand Drawing from objects, casts and life;

Out-door sketching and study of Perspective;

Crayon;

The Band

Pen and Ink;
Water Color;
Pastel;
Oil;
Clay Modeling;
Pierced Brass;
Stenciling;
Study of Principles of Design and History of Art.

For those not wishing to take individual work, a class, which will meet two hours each week, will be organized for the purpose of teaching the fundamental principles of Free-hand Drawing from objects and casts. There will also be a life class free to all art students. Certain hours in the week are to be set apart for an out-door sketching class.

The aim of this department is to ground the pupil in the fundamental principles of Art and to cultivate some of the high faculties of the mind as well. As to other benefits from a mastery of this course, it need only be said that a knowledge of drawing is now indispensable in many departments of mechanics, and that knowledge of both drawing and painting, besides being a profitable source of income, is also an infinite source of refined and refining pleasure and a means of making cheerful and attractive homes, otherwise often gloomy and bare.

SPECIAL INFORMATION

Advice to Parents

1. It is of the greatest importance that students be here on the first day of the term. On the morning of the second day classes are formed, and it is very important that the student begin with his class.

2. We urge parents to be cautious in the amount of spending money furnished the student. If in doubt concerning the amount, advice will be cheerfully given by us.

3. The young lady's attire should be neat and simple, not elaborate or expensive.

4. Young ladies are not permitted to receive attention from young men, except by written request of the parents addressed to the President. In all cases the administration reserves the privilege of final decision.

5. The student is under the rule of the school en route to and from the school.

6. No parent should undertake to grant to the student with us any permission which might interfere with the school duties of the student, but should concede to the administration the right of control while in school.

7. Parents are requested freely and fully to apprise some member of the Faculty, in advance, of the habits and temperament of the student, to the end that all may strive to subserve the best interests of the student. The parent is requested, in case there is felt to exist any cause for complaint, to make known the criticism directly to some member of the Faculty.

Withdrawals

When a student enters school it is understood that he enters for at least a full term. All of our charges are made on this basis. It is hoped that no parent or student will plan for less

than this. If a student withdraws before the end of the term for any other reason than sickness, a higher rate must be charged for the time he was in attendance. Any payment of board in advance beyond the time of leaving, will be returned, subject to above conditions.

Daily Schedule

The daily schedule from Tuesday till Saturday is as follows:

6:30	A. M.	Rising bell.
7:00	A. M.	Breakfast.
7:30— 8:00	A. M.	Arranging of rooms for day.
8:00—12:00	A. M.	Recitations.
12:00— 1:00	P. M.	Noon hour.
1:00— 3:15	P. M.	Recitations.
3:15— 6:00	P. M.	Recreation.
6:00	P. M.	Supper.
6:30— 7:00	P. M.	Social hour.
7:00— 9:30	P. M.	Study hour.
10:00	P.M.	Lights extinguished.

Study Hall

A study hall is provided, with attendance thereupon compulsory for all students between recitations, except those in the Collegiate Department. An instructor is present to preserve order and render such assistance with studies as is necessary. Those students who do not study properly or are not observant of regulation for study hour, from 7:00 to 9:30 P. M., will be required to attend the common study hall, presided over by a member of the Faculty.

Furnishings for Rooms

Most of the rooms are intended for two occupants. If any rooms are unengaged at the opening of the fall term, they may be occupied by one person on payment of an extra sum.

Students are required to provide themselves with the following articles; pillow slips, sheets, pair of blankets, comfortable, white spread, towels, napkins, cover for bureau and washstand.

Art Studio

The young men will provide for single beds. There are a few double beds for young ladies. Young ladies will also bring sash curtains forty-five inches in height.

Expenses

The expenses at Union College are, we think, without a parallel. With the advantages in the standard of work, in personnel and efficiency of Faculty, in facilities and general equipment, both in living and class-room work, the charges challenge one's credulity. Below is given an itemized statement of the expenses for the school year of thirty-six weeks.

Boarding Students

Tuition in Collegiate Department per year	$50 00
Tuition in Academic and College Preparatory Department, per year	30 00
Tuition in Normal Department, per year	18 00
Board, per year	72 00
Room rent, per year	5 00
Heat, per year	5 00
Light, per year	3 00
Total for Collegiate Department, per year	$135 00
Total for Academic and College Preparatory Department, per year	115 00
Total for Normal Department, per year	103 00

Day Students

Tuition in Collegiate Department, per year	$50 00
Tuition in Academic Department, per year	30 00
Tuition in Normal Department, per year	18 00
Tuition in Grammar Room, per year	18 00
Tuition in Intermediate Room, per year	18 00
Tuition in Primary Room, per year	13 50

Botany Class

Students in Music, Art and Elocution

Piano, two lessons per week, for year	$36 00
Harmony, two lessons per week, for year	36 00
Violin or Mandolin, two lessons per week, for year	36 00
Voice, two lessons per week, for year	36 00
Use of Piano for practise, one hour daily, for year	6 00
Sight Singing and Chorus Work, for year	
Mandolin Club fee, per year	3 00
Orchestra fee, per year	3 00
Band fee, per year	3 00

Art and Elocution, same as piano.

Laboratory Fees

(Not included in the above totals.)

Physical Geography, Botany, and Physiology, each	$1 50
Agriculture	3 00
Zoology	2 00
Normal Physiology	1 00
Physics	6 00
Chemistry	6 00
Geology	3 00

Breakage, which is usually due to careless handling of apparatus, is charged extra.

Diplomas

For all department	$5 00

Good board and lodging can be obtained in respectable families for $2.50 per week. Cottages and suitable rooms can usually be rented at reasonable rates, where groups of students may board themselves.

When as many as three students from the same family attend, a reduction of ten per cent will be made on their tuition.

Ladies' Basket Ball Team

All fees are payable in advance, and students have no privileges of the Institution until bills and fees are paid. These are payable at the office of the President. All yearly charges are to be paid in three payments, in advance. The student is held responsible for any damage to his room or to other property.

ROLL OF STUDENTS

1911-1912

Collegiate Department

Evans, W. W. (Special) ..... Knox Co., Ky.
Howes, Chas. L. ..... Harrison Co., Ky.

Academic Department

ROLL OF GRADUATES

1912

Ballinger, Lucy
Bastin, Pearle Allyne
Cheap, Hallie Esther
Cole, Myrtle
Harrop, Lillian Anna May
Jarvis, Walter Monroe
Norris, Bertha Lockhart
Sullivan, Kathleen Brennan
Tuttle, Naomi Oldham.

J. Spencer Singleton was awarded Certificate of graduation from College Preparatory Course, dated 1908.

Albright, Anna D. ..... Knox County, Ky.
Ashley, Terrell ..... Casey County, Ky.
Ballinger, Anna ..... Knox County, Ky.
Ballinger, Lucy ..... Knox County, Ky.
Ballinger, Stephen ..... Knox County, Ky.
Bastin, Pearle ..... Laurel County, Ky.
Beatty, Earnest ..... Knox County, Ky.
Carpenter, Frank ..... Mason County, Ky.
Cheap, Hallie ..... Laurel County, Ky.
Cole, Maud ..... Knox County, Ky.
Cole, Myrtle ..... Knox County, Ky.
Cole, Ollie E. ..... Knox County, Ky.
Cottongim, Lewis ..... Knox County, Ky.
Decker, Ruth ..... Knox County, Ky.

Dunbar, Ada ..... Lewis County, Ky.
Faulkner, Lura ..... Knox County, Ky. M
Faulkner, Robert ..... Knox County, Ky. B
Haggard, Auda ..... Casey County, Ky. T
Hall, Hattie ..... Harlan County, Ky.
Hamrick, Alice Kate ..... Lewis County, Ky.
Hale, Sam ..... Knox County, Ky.
Harrop, May ..... Knox County, Ky. M
Higgins, Clark ..... Knox County, Ky. B
Higgins, Dovie ..... Knox County, Ky. T
Jarvis, Walter ..... Knox County, Ky.
Jesson, Louise ..... Whitley County, Ky. Nurse M
Jones, Charlie ..... Knox County, Ky. B
Keeton, Julia ..... Boyle County, Ky.
Keeton, Mary ..... Boyle County, Ky.
Kelley, Hortense ..... Knox County, Ky. M
Ledford, Susie ..... Garrard County, Ky.
Lewis, Karl ..... Knox County, Ky. T
Begin Lingle, Robert ..... Boyle County, Ky.
Matthews, Mabel ..... Knox County, Ky. T
Mayhew, Earl ..... Knox County, Ky. Ag
Miller, Alex ..... Knox County, Ky. * B
Miller, Herbert ..... Knox County, Ky. B
Noe, Fannie ..... Garrard County, Ky.
Noe, Verna ..... Harlan County, Ky.
Norris, Bertha L. ..... Ohio
Owens, Ethel ..... Knox County, Ky. M
Owens, John ..... Knox County, Ky.
Parker, Sarah ..... Knox County, Ky. M
Parks, Leo Preston ..... Madison County, Ky.
Root, Nelle ..... Knox County, Ky. M
Rucker, Chastine ..... Garrard County, Ky. T
Scent, Edward ..... Knox County, Ky. B
Scenters, Philip ..... Knox County, Ky. L
Sevier, John ..... Knox County, Ky. B
Simms, Algin ..... Lee County, Ky. B

Boys Playing Basket Ball

Smith, Dewey ..... Knox County, Ky.
Smith, Wiley ..... Knox County, Ky.
Steele, Gladys ..... Knox County, Ky.
Stephens, Ada ..... Knox County, Ky.
Stratton, Thelma ..... Knox County, Ky.
Sullivan, Kathleen ..... Madison County, Ky.
Tuggle, Richard ..... Knox County, Ky.
Tuttle, Naomi ..... Clark County, Ky.
Walton, Anna ..... Rockcastle County, Ky.
Walton, Rice ..... Rockcastle County, Ky.
Wesley, John P. ..... Casey County, Ky.
Wesley, McKinley ..... Casey County, Ky.
Wesley, Ned ..... Casey County, Ky.
Wood, Helen ..... Ohio
Young, John H. ..... Lincoln County, Ky.

Normal Department

Albright, Martha ..... Knox County, Ky.
Ashley, Anthony ..... Casey County, Ky.
Arnold, Katherine ..... Fleming County, Ky.
Baker, Rhoda ..... Knox County, Ky.
Bayes, Joel ..... Knox County, Ky.
Bayes, Robert ..... Knox County, Ky.
Berry, Mary ..... Knox County, Ky.
Bengey, Commodore ..... Knox County, Ky.
Bingham, Huston ..... Knox County, Ky.
Black, Henry C. ..... Knox County, Ky.
Brice, Hiram ..... Knox County, Ky.
Burnett, Morton ..... Laurel County, Ky.
Cannon, Latha ..... Knox County, Ky.
Campbell, Matilda ..... Knox County, Ky.
Campbell, W. F. ..... Knox County, Ky.
Coit, Emma ..... Knox County, Ky.
Cole, Arthur ..... Knox County, Ky.
Cole, Claude ..... Knox County, Ky.
Comley, Oscar ..... Fayette County, Ky.

Comly, Henry ..... Jessamine County, Ky. Dentist
Cornett, Mary ..... Harlan County, Ky. M
Cox, Cash ..... Knox County, Ky.
Decker, Sawyers ..... Knox County, Ky. ?
Donaldson, Belva ..... Knox County, Ky.
Dunbar, Harlan ..... Lewis County, Ky.
Durham, Cora L. ..... Bell County, Ky.
Faulkner, Drew ..... Knox County, Ky. B
Faulkner, Roscoe ..... Knox County, Ky.
Freeman, Everett ..... Knox County, Ky.
Gibson, John ..... Knox County, Ky.
Gibson, Ben ..... Knox County, Ky.
Gregory, Thomas ..... Knox County, Ky.
Hampton, Sim ..... Knox County, Ky.
Higgins, Dovie ..... Knox County, Ky. TM
Herndon, Mollie ..... Knox County, Ky.
Herndon, Laura ..... Knox County, Ky.
Humfleet, Eva ..... Knox County, Ky.
Hopper, Henry C. ..... Laurel County, Ky. T-B
Howard, Cleo ..... Knox County, Ky.
Ingram, Vesta ..... Bell County, Ky.
Jackson, Earnest ..... Knox County, Ky.
Jarvis, Edgar ..... Knox County, Ky.
Jarvis, John ..... Knox County, Ky
Jarvis, Myrtle ..... Knox County, Ky. T
Jarvis, S. T. ..... Knox County, Ky. T
Jones, Fred ..... Knox County, Ky.
Jones, Herbert ..... Knox County, Ky.
Jones, Nannie ..... Knox County, Ky.
Jones, Nellie ..... Knox County, Ky. T
King, George ..... Knox County, Ky. B
Kelly, Hortense ..... Knox County, Ky. M
Kelly, Mattie ..... Knox County, Ky. T
Kincaid, William C. ..... Obsley County, Ky. P ?
Kinningham, Martha ..... Knox County, Ky.
Lane, Thomas ..... Knox County, Ky.

Lambdin, Clell ..... Knox County, Ky.
Lester, Sarah ..... Knox County, Ky.
Lester, Esther ..... Knox County, Ky.
Littrell, Lela ..... Tenn.
Lock, Katherine ..... Knox County, Ky.
Lockhart, Lutie ..... Knox County, Ky.
Logan, Nancy ..... Knox County, Ky.
May, Beulah ..... Knox County, Ky.
Messer, Sallie ..... Knox County, Ky.
Mitchell, Charlie ..... Knox County, Ky.
Miller, Roy ..... Knox County, Ky.
Miller, Otie ..... Knox County, Ky.
McGaffey, S. D. ..... Knox County, Ky.
McNeil, J. M. ..... Knox County, Ky.
McWilliams, W. R. ..... Knox County, Ky.
Moore, Earl ..... Whitley County, Ky.
Parker, Evan ..... Knox County, Ky.
Parker, Nila ..... Knox County, Ky.
Partin, Siler ..... Knox County, Ky.
Partin, Oscar ..... Knox County, Ky.
Prewitt, Vergie ..... Knox County, Ky.
Purdom, Lera Mae ..... Boyle County, Ky.
Price, Mary ..... Knox County, Ky.
Perkins, Hattie ..... Whitley County, Ky.
Rains, Pansy ..... Knox County, Ky.
Rice, Curry ..... Garrard County, Ky.
Richardson, Frank ..... Knox County, Ky.
Riley, Sarah ..... Knox County, Ky.
Rowland, Seymour ..... Knox County, Ky.
Sasser, Gilbert ..... Knox County, Ky.
Sasser, Stella ..... Knox County, Ky.
Stacey, Otis ..... Knox County, Ky.
Seymour, Roland ..... Knox County, Ky.
Stanberry, James ..... Knox County, Ky.
Steele, Gertrude ..... Knox County, Ky.
Stewart, James ..... Knox County, Ky.

Biological Laboratory

Shreve, Robert ..... Va.
Shreve, Pearl ..... Va.
Slusher, Roy ..... Bell County, Ky.
Smith, Chester ..... Knox County, Ky.
Taggart, Lewis ..... Knox County, Ky.
Taylor, Lucy ..... Knox County, Ky.
Trosper, J. B. ..... Knox County, Ky.
Trosper, J. S. ..... Knox County, Ky.
Tye, Jewel ..... Knox County, Ky.
Wall, J. C. ..... Casey County, Ky.
Wilson, Boyd ..... Bell County, Ky.
Woodson, Lucile ..... Knox County, Ky.
Woollum, Geo. ..... Knox County, Ky.

Department of Music

Albright, Anna D. ..... Knox County, Ky.
Albright, Martha ..... Knox County, Ky.
Ballinger, Marguerite ..... Knox County, Ky.
Bastin, Pearle ..... Laurel County, Ky.
Cole, Ida ..... Knox County, Ky.
Cole, Ollie ..... Knox County, Ky.
Cornett, Mary ..... Harlan County, Ky.
Decker, Ruth ..... Knox County, Ky.
Dunbar, Ada Mae ..... Lewis County, Ky.
Faulkner, Lura ..... Knox County, Ky.
Hall, Hattie ..... Harlan County, Ky.
Harrop, Mae ..... Knox County, Ky.
Herndon, Laura ..... Knox County, Ky.
Hutchins, Margaret ..... Whitley County, Ky.
Jones, Nannie ..... Knox County, Ky.
Ledford, Susie ..... Garrard County, Ky.
Lock, Katherine ..... Knox County, Ky.
McDonald, Mrs. V. C. ..... Knox County, Ky.
Noe, Verna ..... Harlan County, Ky.
Owens, Ethel ..... Knox County, Ky.
Rucker, Chastine ..... Garrard County, Ky.

Shively, Lois ..... Knox County, Ky.
Sullivan, Kathleen ..... Madison County, Ky.
Tinsley, Lucy ..... Knox County, Ky.
Tuttle, Naomi ..... Clark County, Ky.
Tye, Drucilla ..... Knox County, Ky.
Tye, Jewel ..... Knox County, Ky.
Tye, Lillie Dale ..... Knox County, Ky.
Walton, Anna ..... Rockcastle County, Ky.
Weeks, Abigail E. ..... Pennsylvania

Department of Expression

Arnold, Kathleen ..... Fleming County, Ky.
Black, Gertrude ..... Knox County, Ky.
Block, Dorothy ..... Knox County, Ky.
Carpenter, Frank ..... Mason County, Ky.
Cheap, Hallie ..... Laurel County, Ky.
Cole, Maud ..... Knox County, Ky.
Cole, Myrtle ..... Knox County, Ky.
Cornett, Mary ..... Harlan County, Ky.
Decker, Ruth ..... Knox County, Ky.
Farmer, Loretta ..... Knox County, Ky.
Freeman, Lyman ..... Boyle County, Ky.
Harrop, May ..... Knox County, Ky.
Hughes, William Clark ..... Knox County, Ky.
Ingram, Vesta ..... Bell County, Ky.
Jones, Nannie ..... Knox County, Ky.
McClung, Evelyn ..... Knox County, Ky.
Senters, P. L. ..... Knox County, Ky.
Sevier, John R. ..... Knox County, Ky.
Shively, Lois ..... Knox County, Ky.
Smith, Dewey ..... Knox County, Ky.
Stanberry, Myrtle ..... Knox County, Ky.
Stratton, Thelma ..... Knox County, Ky.
Sullivan, Kathleen ..... Madison County, Ky.
Smith, Annie Mae ..... Knox County, Ky.
Tuttle, Naomi ..... Clark County, Ky.

Tye, Jewel ..... Knox County, Ky.
Tye, Drucilla ..... Knox County, Ky.
Tye, Lillie Dale ..... Knox County, Ky.
Tuggle, Kenneth ..... Knox County, Ky.
Wood, Helen ..... Ohio

Art Department

Albright, Lillian ..... Knox County, Ky.
Ballinger, Lucy ..... Knox County, Ky.
Bastin, Pearle ..... Laurel County, Ky.
Black, Dorothy ..... Knox County, Ky.
Cole, Myrtle ..... Knox County, Ky.
Cornett, Mary ..... Harlan County, Ky.
Cole, Ida Mae ..... Knox County, Ky.
Dishman, Katherine ..... Knox County, Ky.
Faulkner, Nancy Lee ..... Knox County, Ky.
Farmer, Wilson ..... Knox County, Ky.
Geary, Kathleen ..... Knox County, Ky.
Haggard, Auda ..... Casey County, Ky.
Herron, George ..... Knox County, Ky.
Hatton, Mrs. S. B. ..... Knox County, Ky.
Hughes, Bill Clark ..... Knox County, Ky.
Jones, Nellie ..... Knox County, Ky.
King, Geo. Arthur ..... Knox County, Ky.
Kuns, Ethel ..... Knox County, Ky.
Lyttle, Bertha ..... Knox County, Ky.
Lock, Katherine ..... Knox County, Ky.
Morris, Emma ..... Knox County, Ky.
McClung, Evelyn ..... Knox County, Ky.
Norris, Bertha ..... Ohio
Shively, Lois ..... Knox County, Ky.
Scent, Edward ..... Knox County, Ky.
Stanfill, Ruth ..... Knox County, Ky.
Tuggle, Mrs. Nin ..... Knox County, Ky.
Tye, Jewel ..... Knox County, Ky.
Tuggle, Kenneth ..... Knox County, Ky.
Woodson, Lucile ..... Knox County, Ky.

Primary and Intermediate Departments

Intermediate and Primary

Bain, Dewey
Bain, John
Beddow, Robert
Bingham, Tip
Black, Maurice
Cannon, Axie
Cannon, Dona
Cole, Roberta
Cottongim, Leonard
Dishman, Will Ed.
Farmer, Loretta
Farmer, Wilson
Faulkner, Elmer
Faulkner, Nellie
Henson, Esther
Henson, Clarence
Herron, Geo.
Hughes, Wm. Clark
Hutchins, Margaret
Hutton, Wm. F.
Jones, Charles
Jones, Louis
Jones, Roy
Jones, Ethel
Jones, Willie
King, Henry
Lawson, Walter
Lewis, Lenore
Lock, Lucille
Marion, Vivian
May, Helen
McClung, Evelyn
Miller, Dorothy
Miller, Howard
Miller, Lera
Miller, Larkin
Miller, Mary
Miller, Reed
Mills, Chas.
Mitchell, Edna
Mitchell, Herbert
Owens, Chas.
Owens, Ruth
Price, Russell
Riley, Fannie M.
Riley, Lula E.
Scent, Alery
Scent, Blanche
Scent, Caroline
Smith, Anna May
Tuggle, Allan
Tuggle, Kenneth
Tuggle, Thelma
Turner, Edith
Tye, Bonnie
Tye, Drucilla
Tye, Lillie Dale
Wilder, Lucy
Wilson, Jess

SUMMARY

Collegiate	2
Academic	65
Normal	105
Music	30
Expression	30
Art	30
Intermediate and Primary	59
	321
Less those counted twice	65
Total	256

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